

FIG. 1

FIG. 2A

FIG. 2C

FIG. 2D

FIG. 2E

FIG. 2F

CONSENSUS:	agcttacatg	gatgtttc	gacccaaagt	cccmatccat	gtggcyatga	cgggaggccct	2160
CEF94-A:	2160
D6948-A:	2160
TY89-A:	2160
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CONSENSUS:	caaygcytrt	ggcgagattg	agaamgttag	ctttagaagg	accaagctcg	ccactgcaca	2220
CEF94-A:	...t..t.g.	.....	....a..a..	.....	.....	.....	2220
D6948-A:	...c..c.a.	.....	....c..g..	.....	.....	.....	2220
TY89-A:	.....	.....	.....	.....	.....	.....	2220
<hr/>							
CONSENSUS:	ccgacttggc	ctyaagttgg	ctggtccgg	wgcatttgg	gtraaacaccg	ggyccaaactg	2280
CEF94-A:	....t....	....t....	....a....	....a....	....a....	....a....	2280
D6948-A:	....c....	....c....	....c....	....t....	....t....	....t....	2280
TY89-A:	.....	.....	.....	.....	.....	.....	2280
<hr/>							
CONSENSUS:	ggcragttt	atcaaacgtt	tycctcacaa	tccmcmgac	tgggacaggy	tmccytacct	2340
CEF94-A:	...a....c	.....	....c....	....a....c....	....a....c....	....c....c....	2340
D6948-A:	...g....t	.....	....t....	....a....c....	....a....c....	....c....c....	2340
TY89-A:	.....	.....	....c....	....c....a....	....c....a....	....t....a....c....	44
<hr/>							
CONSENSUS:	caacctwccm	tayctyccac	cmamwgcwgg	acgycagtwc	sayctkgccm	tggchgchtc	2400
CEF94-A:	.....a..a..c..t....	....c..at...a..	....c....a..	....a..c..t....a..	....a..c..t....a..	....t..a..	2400
D6948-A:	.....t..a..c..t....	....c..at...a..	....c....a..	....a..c..t....a..	....g..c..g....a..	....c..t..	2400
TY89-A:	.....t..c..t..c....	....a.ca..t..	....t....t..	....t..c..t..g....c....a..c..	....t..c..t..g....c....a..c..	....a..c..	104
<hr/>							
CONSENSUS:	ttgaggttcaaa	gagaccccng	aactcgarr	ygcyygttsmgw	gcmatggang	cwgcgwgcmaa	2460
CEF94-A:	a.....c..gagca..aa..	2460
D6948-A:	a.....c..gagca..aa..	2460
TY89-A:	c.....a..agagc..tt..t..a..	164
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CONSENSUS:	cgtssgaccca	ytrttccrmt	cwgcdctcmr	bgtssttcatg	tggytggaaag	araayggat	2520
CEF94-A:	...g.....	c.a....aa..	....t..a....ag	....t..g.....	....c.....	....g..t.....	2520
D6948-A:	...g.....	c.g....aa..	....t..g....ag	....c..g.....	....c.....	....g..t.....	2520
TY89-A:	...c.....	t.g....gc..	....a..t....ca	....g..c.....	....t.....	....a..c.....	224

FIG. 2G

CONSENSUS:	tgtracygay atggcyaact	tcggcmctcag	cgaccggaaac	gcmcaymffa	tgmrmaattt	2580	
CEF94-A:	...g..t..c	....c....	....a....	....c..tc...	...cga....	2580
D6948-A:	...g..t..t	....c....	....a....	....c..tc...	...cgc....	2580
TY89-A:	...a..c..c	....t....	....c....	....a..ca...	...aaa....	284
CONSENSUS:	ycthgcaay gcwccmarg	cmggmagcaa	gtcgcaragr	gccaaagtay	gsacrgcwg	2640	
CEF94-A:	t..t....c	..a..a..a..	..a..c..	....a..g	....c..g..a..a..	2640
D6948-A:	t..c....c	..a..a..a..	..a..c..	....a..a	....c..g..a..a..	2640
TY89-A:	c..a....t	..t..c..g..	..c..a..	....g..g	....t..c..g..t..	344
CONSENSUS:	ctacggagtg gaggcymgrg	gccccacdcc	agargargca	cagaggara	aagacacacg	2700	
CEF94-A:	.....tc..g..	....a..	....g..a..	....a..	....a..	2700
D6948-A:	.....cc..g..	....t..	....g..a..	....a..	....a..	2700
TY89-A:	.....ta..a..	....g..	....a..g..	....g..	....g..	404
CONSENSUS:	gatctcmaag aagatggara	cbatggcat	ctacttygca	acaccrgaat	gggttagcact	2760	
CEF94-A:	.....a....	.....g..	..c....	....t....	....a....	2760
D6948-A:	.....a....	.....g..	..t....	....t....	....a....	2760
TY89-A:	.....c....	.....a..	..g....	....c....	....g....	464
CONSENSUS:	caayggcac	cgrggsccaa	gccccggcca	gctvaaagtac	tgccaraaca	camagaaat	2820
CEF94-A:	...t.....	..a..g....a....g....g....	..c....	2820
D6948-A:	...t.....	..g..g....g....g....g....	..c....	2820
TY89-A:	...c.....	..a..c....c....a....a....a....	524
CONSENSUS:	accdgahccm	aacgaggact	aycyagacta	ygtgcaycrt	gagaagagcc	ggttggcrtc	2880
CEF94-A:	...g..c..at..t....c....t..aa..	2880
D6948-A:	...t..t..ac..t....c....t..aa..	2880
TY89-A:	...a..a..cc..c....t....c..gg..	584
CONSENSUS:	agaagaacar	rtytaaggg	cagcyacgtc	gatctacggg	gctccaggac	aggcwgarc	2940
CEF94-A:a..c..t....a..g..	2940
D6948-A:a..c..t....a..g..	2940
TY89-A:g..t....c....t..a..	644

FIG. 2H

CONSENSUS:	accccaagcy	ttcatagacg	aagtygccar	rgtctatgaa	atcaaaccatg	grcggtggcc	3000
CEF94-A:	.....	.....t	.....	.....t.....a	.....a.....	.....a.....c..	3000
D6948-A:	.....	.....c	.....	.....c.....a	.....a.....	.....g.....c..	3000
TY89-A:	.....	.....c	.....	.....c.....g	.....g.....	.....g.....t..	704
CONSENSUS:	maaccargar	cagatgaarg	ayctgctcyt	gactgcgatg	gagatgaaagc	atcgcaatcc	3060
CEF94-A:	a.....a..a	.....a..a..	t.....t..	.....t.....	.....t.....	.....t.....	3060
D6948-A:	C.....a..a	.....a..a..	t.....a..	t.....c..	.....c..	.....c..	3060
TY89-A:	a.....g..g	.....g..g..	g.....c..	c.....c..	.....c..	.....c..	764
CONSENSUS:	caggcggt	cyaccaaagg	cmaagccaaa	acccaaattgtct	ccawcacaga	gacccccctgg	3120
CEF94-A:	.....	.....t	.....c..	.....	.....a.....	.....a.....	3120
D6948-A:	.....	.....c	.....c..	.....	.....a.....	.....a.....	3120
TY89-A:	.....	.....c..	.....a..	.....	.....t.....	.....t.....	824
CONSENSUS:	wcggtgggc	cgctggatca	ggrcgbgtctc	tgaygaggac	ytkgagtgag	gywcctggaa	3180
CEF94-A:	t.....	.....	.....a.c..	.....t.....	.....c.t.....	.....ta.....	3180
D6948-A:	t.....	.....	.....g.t..	.....t.....	.....c.t.....	.....ct.....	3180
TY89-A:	a.....	.....	.....a.g..	.....c.....	.....t.g..	.....ct.....	884
CONSENSUS:	gtctccgac	accaccggcg	caggygtggaa	caccaattmr	kmmhitaswrm	atycsaaatt	3240
CEF94-A:	.....	.....	.....t..	.....	.....cg	gact..caac ..c.c..	3240
D6948-A:	.....	.....	.....c..	.....	.....cg	gccaa..caac ..c.c..	3240
TY89-A:	.....	.....	.....t..	.....	.....aa	tcacc..gtga ..t.g..	944
CONSENSUS:	ggatccgttc	gggggtcccc					
CEF94-A:	.....	.....					3260
D6948-A:	.....	.....					3260
TY89-A:	.....	.....					964

FIG. 3B

CONSENSUS: tacccggcgg ayatccgcayt actcaaggcag atgatytacy ttttctccaa ggttccmagg 540
CEF94-B:a.. .c.....c.t...ct...ca... 540
D6948-B:c.. .t...t.c...tc...tc... 540

CONSENSUS: gccanmmgakr rccttwaarga tggargtmaacc ctmytraccc aaaaacatwag rgayaargcc 600
CEF94-B:ac..gg g...a..g..a..a..ct.g....a.. g..c..g... 600
D6948-B:ca..ta a...t..a..g..c..ac.a....t.. a..t..a... 600

CONSENSUS: tayggragtgg gggacccatcat gggacargcm acymgacttg tkgyatgaa rgaggttygccc 660
CEF94-B: ..t..a....a..a ..tc.....g..c.....t..t....a....t.... 660
D6948-B: ..c..g....g..c..ca.....g..c.....t..t....a....t.... 660

CONSENSUS: actggragaa acccaaaca aagcttgggt acacytttga gagcatmgs 720
CEF94-B:a....g.....g.....t.....t.....c..g 720
D6948-B:g....a.....a.....c.....c.....a..c 720

CONSENSUS: cagctacttg acatcacwyt accggtaggg ccacccgggtg aggatgacaa gcccgggtr 780
CEF94-B:ac.....ac.....tt..tt..a.....a 780
D6948-B:tt..tt..tt..a.....a 780

CONSENSUS: ccactcacaa grgtggccgtc amggatgttg gtwtgacgg gmgacgtaga tggsgamttt 840
CEF94-B:a.....c.....a.....a.....a.....c..c... 840
D6948-B:g.....a.....t.....t.....c.....g..a... 840

CONSENSUS: gaggttgarg aytaccttcc caaaatcaac ctcaaggatcat caagtgact rccmtatgtw 900
CEF94-B:a.. t.....t.....t.....a..a.....a 900
D6948-B:g.. c.....t.....c.....g.....a.....t 900

CONSENSUS: ggtcgccacca aaggagarac wttggggag atgatagcyt tmtcraacca gtttctymga 960
CEF94-B:g.. a.....c.....t.. c..a.....c..ca.. 960
D6948-B:a.. t.....g.....c.. a..g.....t..tc.. 960

FIG. 3C

CONSENSUS:	gaggctatcar	crctgytgaa	gcarggtgca	gggacaarg	ggtcraacaa	gaagaaggctr	1080
CEF94-B:	.....a	a.....t	.....a.....	.....g.....	.....a.....	.....a.....	1020
D6948-B:	.....g	g.....c	.....g.....	.....a.....	.....g.....	.....g.....	1020
CONSENSUS:	ctcaggcatgy	taagtgacta	ytggtactta	tcatgyggc	ttttgtttcc	maaggctgar	1080
CEF94-B:	.....t	.....t	.....t.....	.....c.....	.....a.....	.....a.....	1080
D6948-B:	.....c	.....c	.....c.....	.....t.....	.....c.....	.....g.....	1080
CONSENSUS:	aggtaacgaca	aaaggyacatg	gctcaccaag	acccgkaaca	tatggtcaagc	tccatcmcca	1140
CEF94-B:	.....t	.....t	.....t.....	.....g.....	.....g.....	.....c.....	1140
D6948-B:	.....c	.....c	.....c.....	.....t.....	.....g.....	.....a.....	1140
CONSENSUS:	acacaccta	tgtatctcwat	gatmacctgg	cccggtatgt	ccaayagccc	aaayaacgtg	1200
CEF94-B:	.....t	.....t	.....t.....	.....c.....	.....c.....	.....t.....	1200
D6948-B:	.....a	.....a	.....a.....	.....a.....	.....t.....	.....c.....	1200
CONSENSUS:	ttgaaacatgt	arggggttcc	rtcactctac	aarttcaacc	cgttayagg	wgggytraac	1260
CEF94-B:	.....a	.....a	.....a.....	.....a.....	.....c.....	.....a.....	1260
D6948-B:	.....g	.....g	.....g.....	.....g.....	.....t.....	.....t.....	1260
CONSENSUS:	aggatcgtsg	agtggatawt	ggcycggaw	gaacccaagg	cyytwgata	tgckgacaac	1320
CEF94-B:	.....c	.....t	.....c.....	.....a.....	.....t.....	.....g.....	1320
D6948-B:	.....g	.....a	.....t.....	.....t.....	.....ct.a.....	.....t.....	1320
CONSENSUS:	atatacatgt	tycactcmaa	cacgtgtac	tcaattgacc	tagagaagg	tgaggcaaac	1380
CEF94-B:	.....c	.....a	.....a.....	.....t.....	.....c.....	.....a.....	1380
D6948-B:	.....t	.....c	.....c.....	.....t.....	.....c.....	.....g.....	1380
CONSENSUS:	tgcacckcgyc	aacacatgca	rgccgcmatg	tactacatmc	tyaccagg	rtggctcmgay	1440
CEF94-B:	.....t	.....c	.....a.....	.....a.....	.....c.....	.....g.....	1440
D6948-B:	.....g	.....t	.....c.....	.....c.....	.....t.....	.....a.....	1440
CONSENSUS:	aacgggyacc	cmatgttcaa	tcacatgg	gccaccttg	csatgaacat	tgccccwgct	1500
CEF94-B:	.....c	.....a	.....a.....	.....a.....	.....c.....	.....c.....	1500
D6948-B:	.....t	.....c	.....c.....	.....c.....	.....t.....	.....g.....	1500

FIG. 3D

CONSENSUS:	ctagtkgtgg	actcatcrtg	yctgatwatg	aacctkcaratyaagacmta	tggtaaggc	1560
CEF94-B:	...g...	...g...	c...	t...	c...	1560
D6948-B:	...t...	...t...	a...	t...	a...	1560
CONSENSUS:	agyyggaaatg	cagccacstt	catcaacaac	cayctyytka	gcacsctwgt	1620
CEF94-B:	...c...	...g...	...a...	...g...	...a...	1620
D6948-B:	...t...	...t...	c...	t...	t...	1620
CONSENSUS:	tggaacytga	tgarrccarcc	yagwccagac	agcgargagt	tcaartcaat	1680
CEF94-B:	...c...	...g...	c..a...	...g...	...a...	1680
D6948-B:	...t...	...ag..a..	t..t...	...a...	...g...	1680
CONSENSUS:	ctrgrgyatca	actttaaagat	tgaggggcc	attgtatgaya	tyagggccaa	1740
CEF94-B:	...a..t...	...t...	...t...	...t...	...c...	1740
D6948-B:	...g..c...	...c...	...t...	...c...	...t...	1740
CONSENSUS:	cttgtccycc	ttgcacaacc	aggtaacctg	agtgggggg	tygaaccaaga	1800
CEF94-B:	...t...	...t...	...t...	...g...	...t...	1800
D6948-B:	...c...	...t...	...t...	...a...	...t...	1800
CONSENSUS:	ccaaactgtwg	agctkgacct	actmgrtgg	tcwgcwacwt	acagcaaaga	1860
CEF94-B:	...t...	...t...	...a..g...	...a..t..a..	...t...	1860
D6948-B:	...a...	...g...	...c..a...	...t..a..t..	...t...	1860
CONSENSUS:	tatgtgccgg	tgcttgacaa	ggaacgcyta	ttttgytctg	ctgcgttatcc	1920
CEF94-B:	...	...	...	...t...	...	1920
D6948-B:	...	...	...	...t...	...	1920
CONSENSUS:	gagaayaara	gyctcaartc	caargtggg	atcgaggcarg	catacaargt	1980
CEF94-B:	...c..g...	...t..g...	...a..c...	...g...	...g...	1980
D6948-B:	...t..a..	...c..a..	...g..t..	...	...a..	c 1980
CONSENSUS:	gaggcgttga	ggttggtagg	tggttggAAC	tacccactcc	tgaacaaaggc	2040
CEF94-B:	...	...	...	...	...	2040
D6948-B:	...	...	...	...	...	c 2040

FIG. 3E

CONSENSUS:	aaygcargy	cmgctcgccg	gcatactggag	gccaaagggt	tcccrctcga	yaggttcctm	2100
CEF94-B:	..c...g.c.	.c.....	.....	.....	.....	c.....	2100
D6948-B:	..t...a.t.	.a.....	.....	.....	.....	t.....	2100
CONSENSUS:	gccgaggtgg	cwgagytgtc	mgagttcgww	gargcyttcg	aaggcttcaa	yatcaagctg	2160
CEF94-B:	..t...c...	a.....	.....t	..g..c...	.....	t.....	2160
D6948-B:	..a...t...	c.....	.....a	..a..t...	.....	c.....	2160
CONSENSUS:	acmgttaacay	ckgagaggct	mgccgaaactk	aacarrccag	tacccccua	rccyccaaat	2220
CEF94-B:	..c...t	..t.....	.....a	....g	....ag	.....	2220
D6948-B:	..a...c	....c	....c	....t	....ga	.....	2220
CONSENSUS:	gtcaaacagac	cagtcaaacac	ygkkggrctm	aaggcagtca	gcaaygcct	caagaccggy	2280
CEF94-B:	.....	.....	.....t	..g..a..c	.....	.....c	2280
D6948-B:	.....	.....	.....c	..t..g..a	.....	.....t	2280
CONSENSUS:	cggtaayagra	aygaaggccgg	actragtggy	ctcgccctcyc	tagccacmgc	mngmaggccgw	2340
CEF94-B:	...c..g.	..c.....	....g	....t	....t	aa..a.....t	2340
D6948-B:	...t..a.	..t.....	....a	....c	....c	cc..c.....a	2340
CONSENSUS:	ctrargayg	cagtyaaggc	caaggcagar	gccgagaaac	tccacaagtgc	yaaggccmgay	2400
CEF94-B:	..g..a..t.	....t	....a	.....	.....	.....	2400
D6948-B:	..a..g..c.	....c	.....	....g	.....	.....	2400
CONSENSUS:	gaccggatg	cagactggtt	ygaamgrtca	gaaacyctgt	cagacctkt	ggagaaagcc	2460
CEF94-B:	.....	.....	.....c..a..	.....t	.....t	.....	2460
D6948-B:	.....	.....	.....t..c..g..	.....c	.....g	.....	2460
CONSENSUS:	gacatygcc	gcaagggtcg	ycactcagca	ctcggtggaaa	caaggcagcgc	ycttgaagcr	2520
CEF94-B:	.....c..	.....	.....c	.....	.....	.....c	2520
D6948-B:	.....t..	.....	.....t	.....	.....	.....t	2520
CONSENSUS:	gtycagtcra	cytcmtgtta	cacyccmaag	tacccagarg	tyaagaaccc	acagaccgcc	2580
CEF94-B:	..t...g.	..t..c..	....t..c..	....a	..c..	.....	2580
D6948-B:	..c...a.	..c..a..	....c..a..	....g..t..	.....	.....	2580

FIG. 3F

CONSENSUS:	tccaaaccccg	ttgttggct	ccacctgccc	gcacaaggag	ccaccgggt	ccaggcmgct	2640
CEF94-B:	.....	.....	.....	.....a.	.....a.	.....c...	2640
D6948-B:	.....	.....	.....	.....g.	.....g.	.....a...	2640
CONSENSUS:	cttcctcgag	caggracgag	cagaccaaatg	gggatggagg	cyccaaacacg	gtccaaagaac	2700
CEF94-B:	.....	.....a.	.....	.....	.....c.	.....	2700
D6948-B:	.....	.....g.	.....	.....	.....t.	.....	2700
CONSENSUS:	gccgtgaaaaa	tggccaaamg	gcggcaacgc	caaargaga	gccgccaaya	gccatgtgg	2760
CEF94-B:	.....	.....c.	.....	.....g.	.....c.	.....	2760
D6948-B:	.....	.....a.	.....	.....a.	.....t.	.....	2760
CONSENSUS:	gaaccactca	agaaggaggac	actaayccca	gaccggcgat	ccccggcctt	cgccgtgggg	2820
CEF94-B:	.....	.....	.....t.	.....	.....	.....	2820
D6948-B:	.....	.....	.....	.....c.	.....	.....	2820
CONSENSUS:	ggccccc						2827
CEF94-B:	.....						2827
D6948-B:	.....						2827

FIG. 4A

FIG. 4B

CONSENSUS:	DFREYFMEVA	DLNSPLKTAG	AFGFKDIIRA	.RRIAVPVVS	TLFPAAPLA	HAIGEGVDYL	480
CEF94-PP:	.....	.....	.....	I.....	.....	.....	480
D6948-PP:	.....	.....	.....	L.....	.....	.....	480
TY89-PP:	.....	.....	.....	.....	.....	.....	.....
<hr/>							
CONSENSUS:	LGDEAQAAASG	TARAASGKAR	AASGRIRQLT	LAADKGYEVV	ANLFQVQPNP	VVDGILASPG	540
CEF94-PP:	.....	.....	.....	.....	.....	.....	.....
D6948-PP:	.....	.....	.....	.....	.....	.....	540
TY89-PP:	.....	.....	.....	.....	.....	.....	540
<hr/>							
CONSENSUS:	.LRGAHNLDC	VLREGATLFP	VVITTVEDAM	TPKALNSKMF	AVIEGVREDL	QPPSQRGSFTI	600
CEF94-PP:	V.....	.....	.....	.....	.....	.....	600
D6948-PP:	I.....	.....	.....	.....	.....	.....	600
TY89-PP:	.....	.....	.....	.....	.....	.....	.....
<hr/>							
CONSENSUS:	RTLSGHRVYGY	YAPDGVLPLE	TGRDYTVVPI	DDWDDDSIML	SKDPPIPIVG	NSGNLLAIAYM	660
CEF94-PP:	.....	.....	.....	.....	.....	.....	660
D6948-PP:	.....	.....	.....	.....	.....	.....	660
TY89-PP:	.....	.....	.....	.....	.....	.....	660
<hr/>							
CONSENSUS:	DVFRPKVPIH	VAMTGALNA	GEIE.VSFRS	TKLATAHRLG	LKLAGPGAFD	VNTG.NWATF	720
CEF94-PP:	.....	.....	C.....	K.....	.....	.....	720
D6948-PP:	.....	.....	Y.....	N.....	.....	.....	720
TY89-PP:	.....	.....	.....	.....	.....	.....	720
<hr/>							
CONSENSUS:	IKRFPHNPRD	WDRLPYLNLP	YLPPNAGRQY	HLAMAASEFK	ETPELESAVR	AMEAAANVDP	780
CEF94-PP:	.....	.....	.....	.....	.....	.....	780
D6948-PP:	.....	.....	.....	D.....	.....	.....	780
TY89-PP:	.....	.....	.....	T.....F.....L.....	D.....	D.....	58
<hr/>							
CONSENSUS:	LFQSALSVFM	WLEENGIVTD	MANFALSDPN	AHRMRNFNLAN	APQAGSKSQR	AKYGTAGYGV	840
CEF94-PP:	.....	.....	.....	.....	.....	.....	840
D6948-PP:	.....	.....	.....	.....	.....	.....	840
TY89-PP:	.....	R.....Q.....	.....	.....	K.....	.....	118

FIG. 4C

CONSENSUS:	EARGPTPEEA	QREKDTISK	KMETMGIYFA	TPEWALNCH	RGPSPGQLKY	WQNTREIPDP	900
CEF94-PP:	.....	.....	.....	.....	.....	.....	900
D6948-PP:	.....	.....	.....	.....	.....	.....	900
TY89-PP:	.....	.....	.....	.....	.....	..... E.	178
CONSENSUS:	NEDYLDYVHA	EKSRLASEEQ	ILRAATSIYG	APGQAEPQQA	FIDEVAKVYE	INHGRGPNQE	960
CEF94-PP:	.....	.....	.....	.....	.....	.....	960
D6948-PP:	.....	.....	.....	.....	.....	.....	960
TY89-PP:	..... P .....	.....	..... V .....	.....	..... R .....	.....	238
CONSENSUS:	QMKDILLTAM	EMKHRNPRRA	PPKPKPKPNA	PTQRPPGRLG	RWIRTVSDED	LE	1012
CEF94-PP:	.....	.....	..... L .....	.....	.....	.....	1012
D6948-PP:	.....	.....	.....	.....	..... A .....	.....	1012
TY89-PP:	.....	.....	.....	..... S .....	.....	.....	290

FIG. 5A

CONSENSUS:	MSD.FNSPQA	RS.ISSAAGI	KPTAGQDV	EE	LLIPKVMVPP	EDPLASPSRL	AKFLRRENGYK	60
CEF94-VP1:	...I	...T	...	...	...	...	...	60
D6948-VP1:	...V	...K	...	...	...	...	...	60
CONSENSUS:	LQPRSLPEN	EYETDQILP	DLA	WMRQIEG	AVLKPTLSLP	IGDQEYFPKY	YPTHRSKEK	120
CEF94-VP1:	V	...	...	...	...	...	...	120
D6948-VP1:	I	...	...	...	...	...	...	120
CONSENSUS:	PNAYPPDIAL	LKQMTIYFLQ	VPEA	...LKD	EVTLLTQNIR	DKAYGSQTYM	QGATRLVAMK	180
CEF94-VP1:	...	...	...	NEG	...	...	...	180
D6948-VP1:	...	...	...	TDN	...	...	...	180
CONSENSUS:	EVATGRNPNK	DPLKLGYTF	SIAQLLDITL	PVGPPGEDDK	PWVPLTRVPS	RMLVLTGDVD	240	
CEF94-VP1:	...	...	...	...	...	...	...	240
D6948-VP1:	...	...	...	...	...	...	...	240
CONSENSUS:	G.FEVEDYLP	KINLKSSSGL	PYVGRTKGET	IGEMIAISNQ	FLRELS.LLK	QGAGTKGSNK	300	
CEF94-VP1:	D	...	...	...	...	...	...	300
D6948-VP1:	E	...	...	...	...	...	...	300
CONSENSUS:	KKLLSMLSDY	WYLSCGLLFP	KAERYDKSTW	LT	KTRNIWSA	PSPTHLMTSM	ITWPVMSNSP	360
CEF94-VP1:	...	...	...	...	...	...	...	360
D6948-VP1:	...	...	...	...	...	...	...	360
CONSENSUS:	NNVNLIEGCP	SLYKFNPERG	GLNRIVEWI	AP.EPKALVY	ADNIYIVHSN	TWISIDLEKG	420	
CEF94-VP1:	...	...	...	L	E	...	...	420
D6948-VP1:	...	...	...	M	D	...	...	420
CONSENSUS:	EANCCTRQHMQ	AAMYIYLTRG	WSDNGDPMFN	QTWATFAMNT	APALVVDSSC	LIMNLQIRKY	480	
CEF94-VP1:	...	...	...	...	...	...	...	480
D6948-VP1:	...	...	...	...	...	...	...	480
CONSENSUS:	GQGSGNAATF	INNHILLSTLV	LDQWNLM.QP	PDSEEFKSI	EDKLGINFKI	ERSIDDIRGK	540	
CEF94-VP1:	...	...	...	R	R	...	...	540
D6948-VP1:	...	...	...	K	S	...	...	540

FIG. 6

CONSENSUS:	MVSRDQTNDR	SDD.	PARSNP	TDCSVHTEPS	DANNRTGVHS	GRHP.	EAHSQ	VRDLDLQFDC	60
D6948-VP5:	.....	.....	E.	.....	.....	.....	.....	R.	.....
CEEF94-VP5:	.....	.....	K.	.....	.....	.....	.....	G.	.....
CONSENSUS:	GGHRRVRA	NCL	FPW.	PWLNCG	CSLHTAEQWE	LQVRS	DAPDC	PEPTGQLQJJ	QASESESHSE
D6948-VP5:	.....	.....	F.	.....	.....	.....	.....	.....	.....
CEEF94-VP5:	.....	.....	I.	.....	.....	.....	.....	.....	.....
CONSENSUS:	VKHT.	WWRLC	TK.	HHKRRDL	PRKPE				145
D6948-VP5:	.....	P.	.....	W.	.....	.....	.....	.....	145
CEEF94-VP5:	.....	S.	.....	R.	.....	.....	.....	.....	145

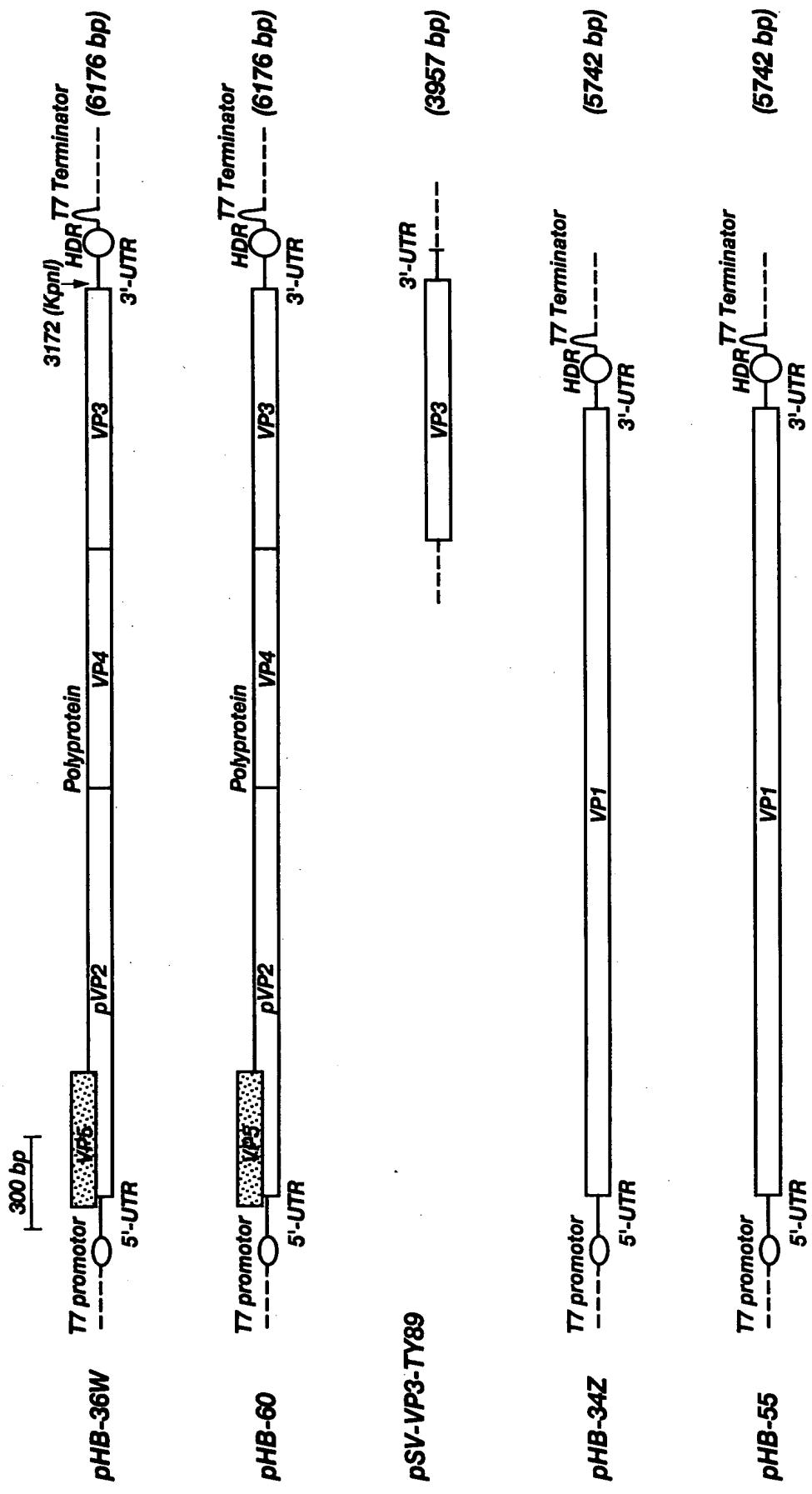


FIG. 7

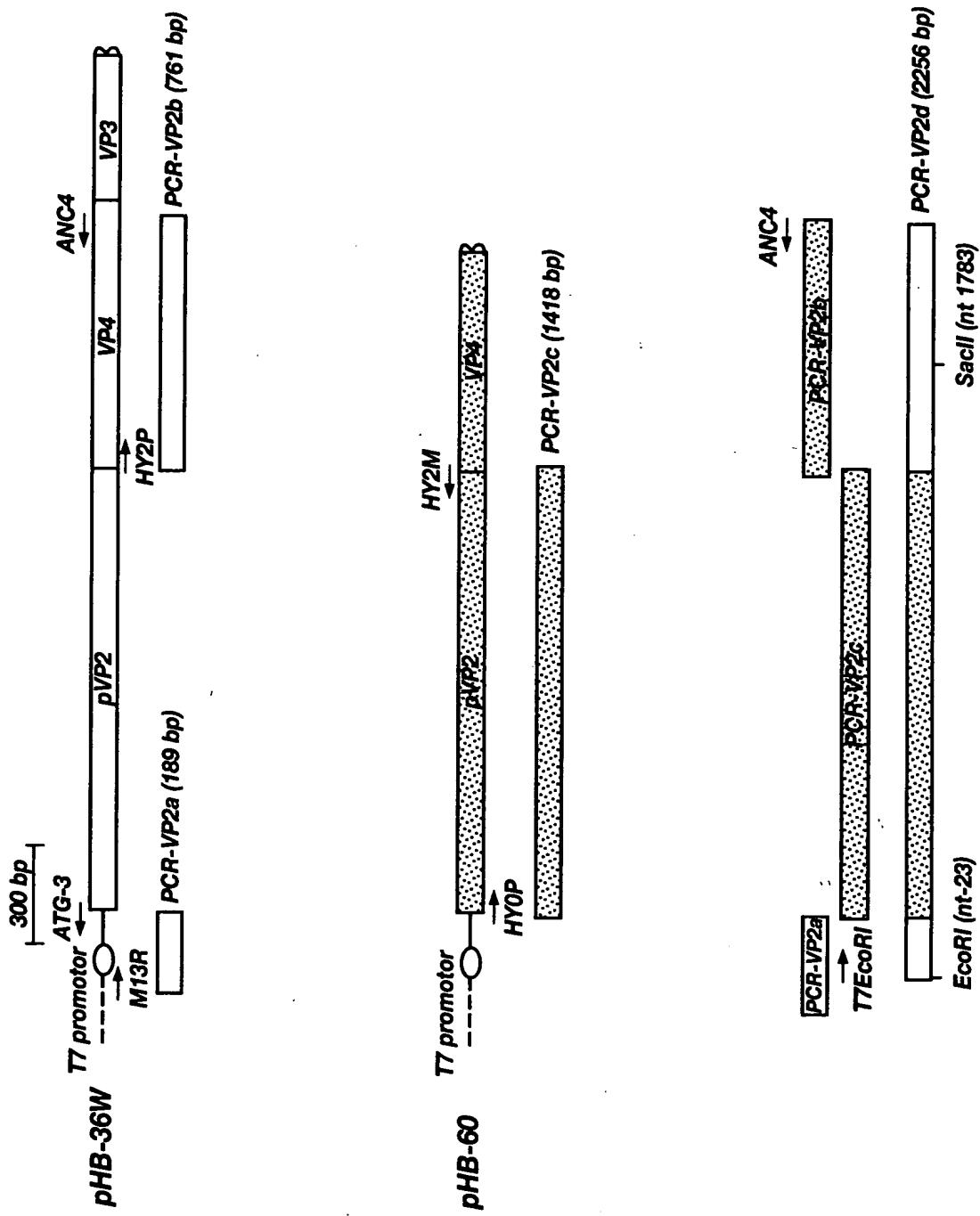


FIG. 8A

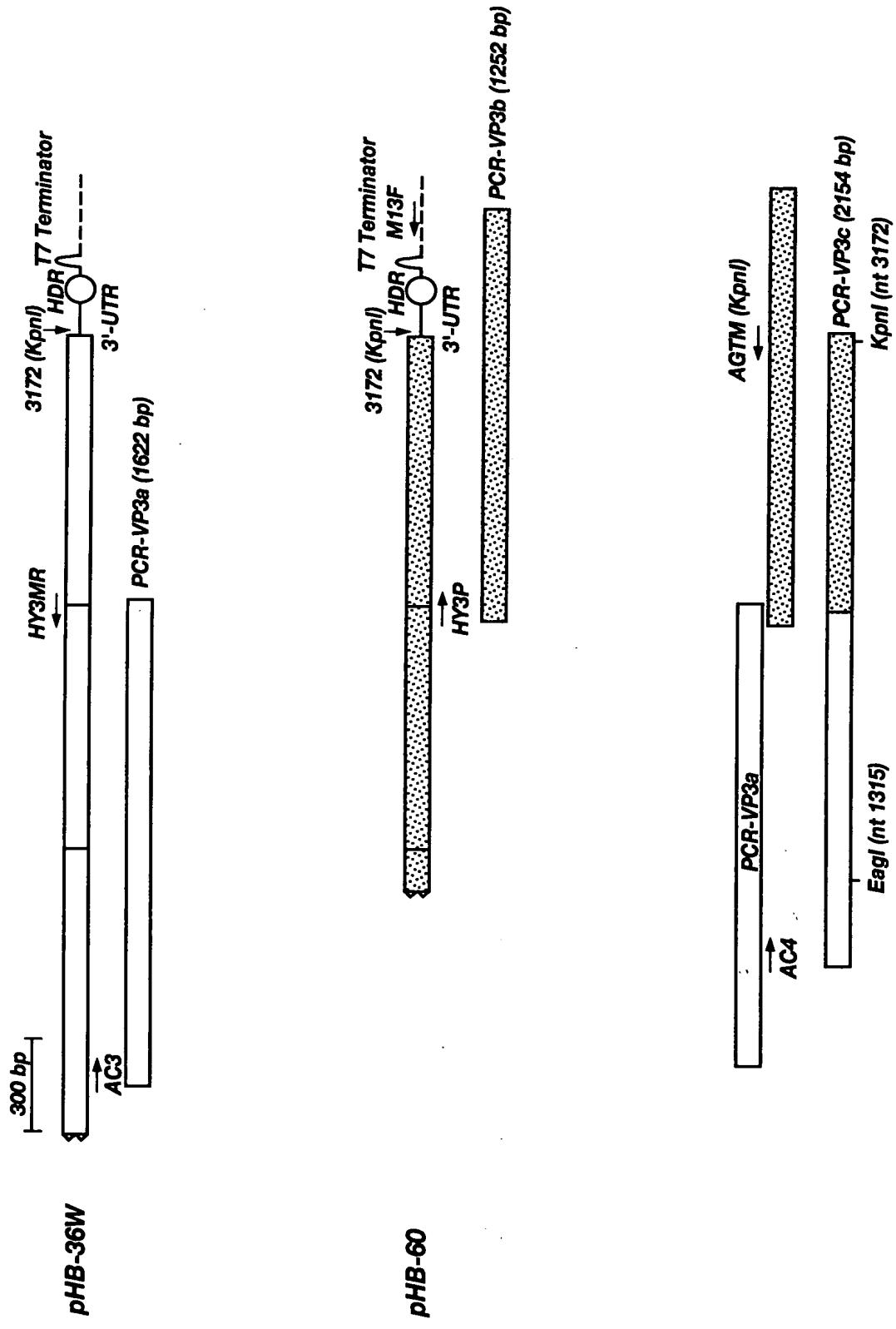


FIG. 8B

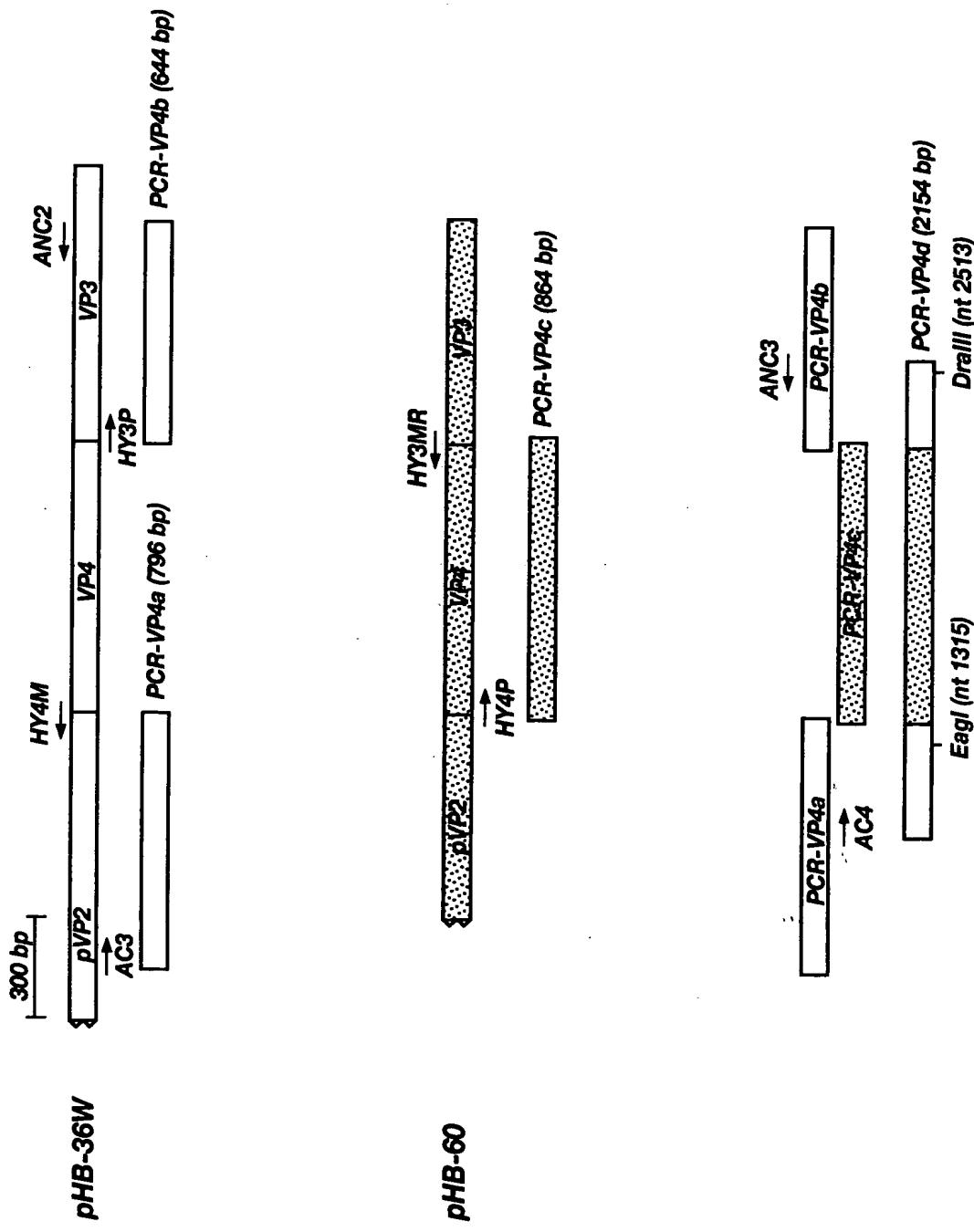


FIG. 8C

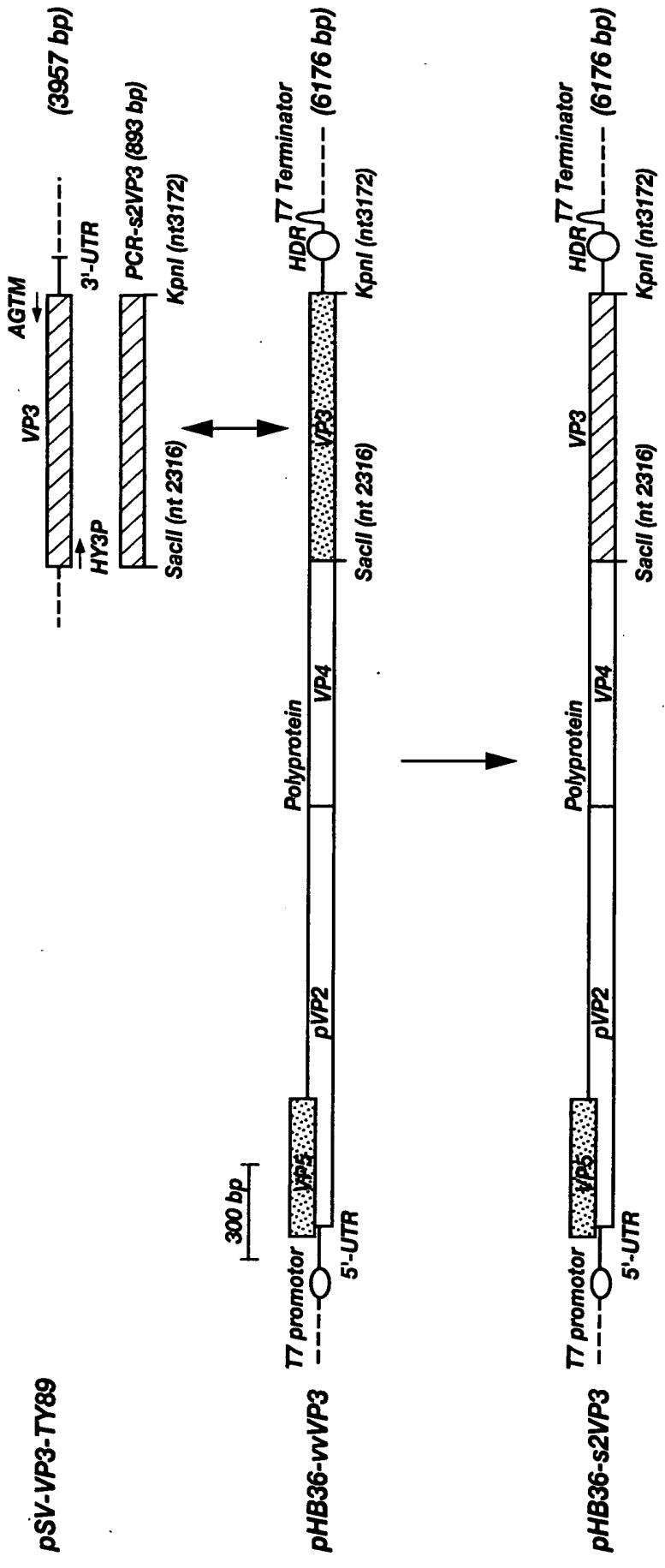


FIG. 8D

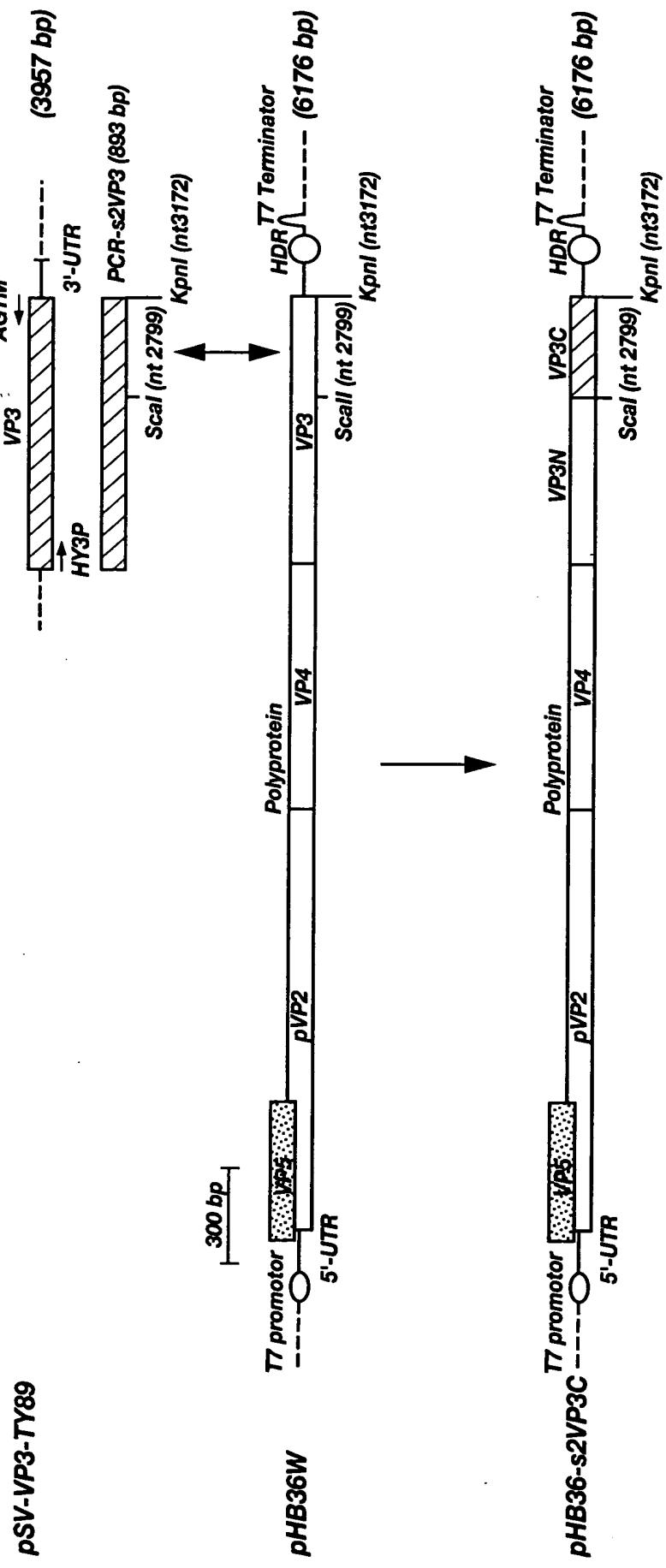


FIG. 8E

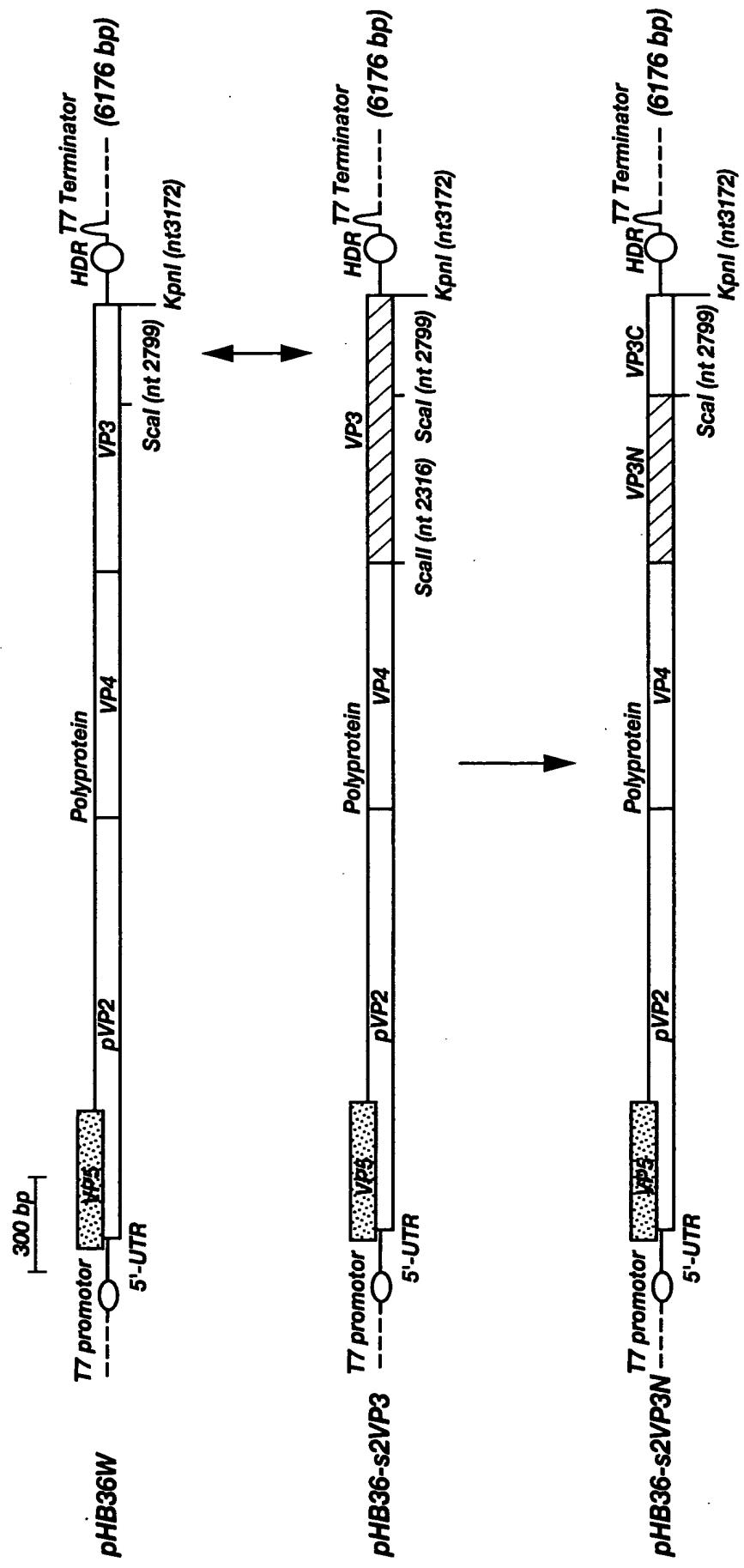


FIG. 8F

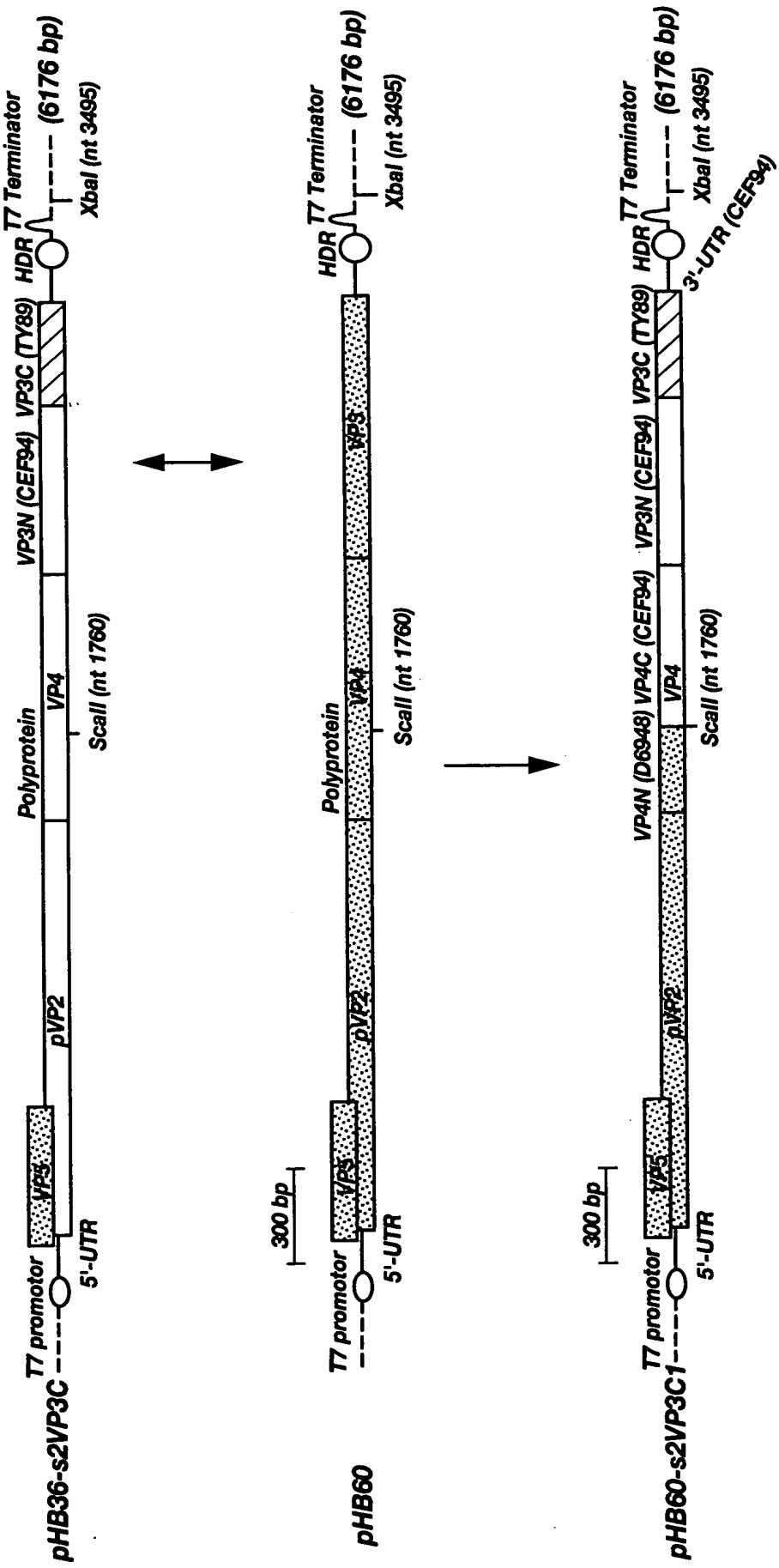
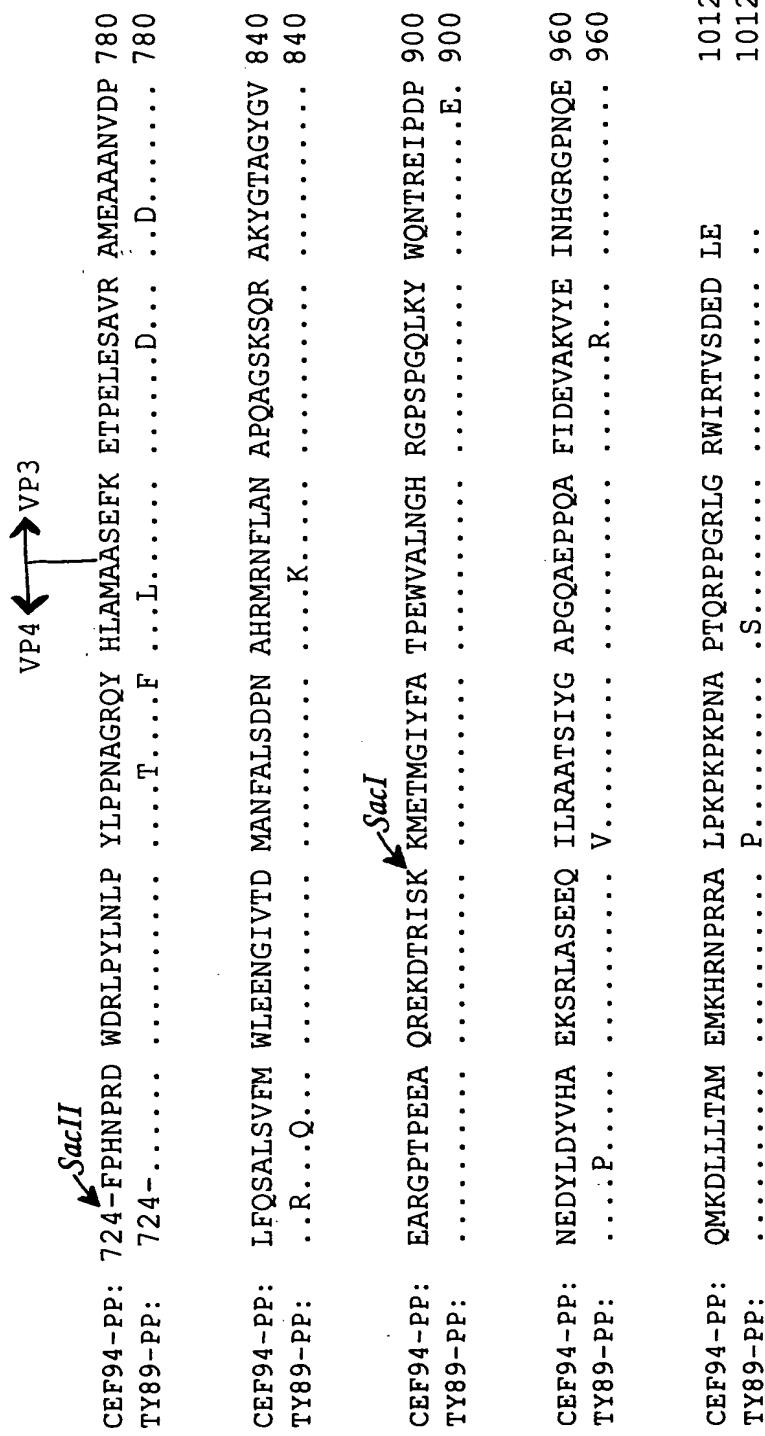


FIG. 8G



9
FIG

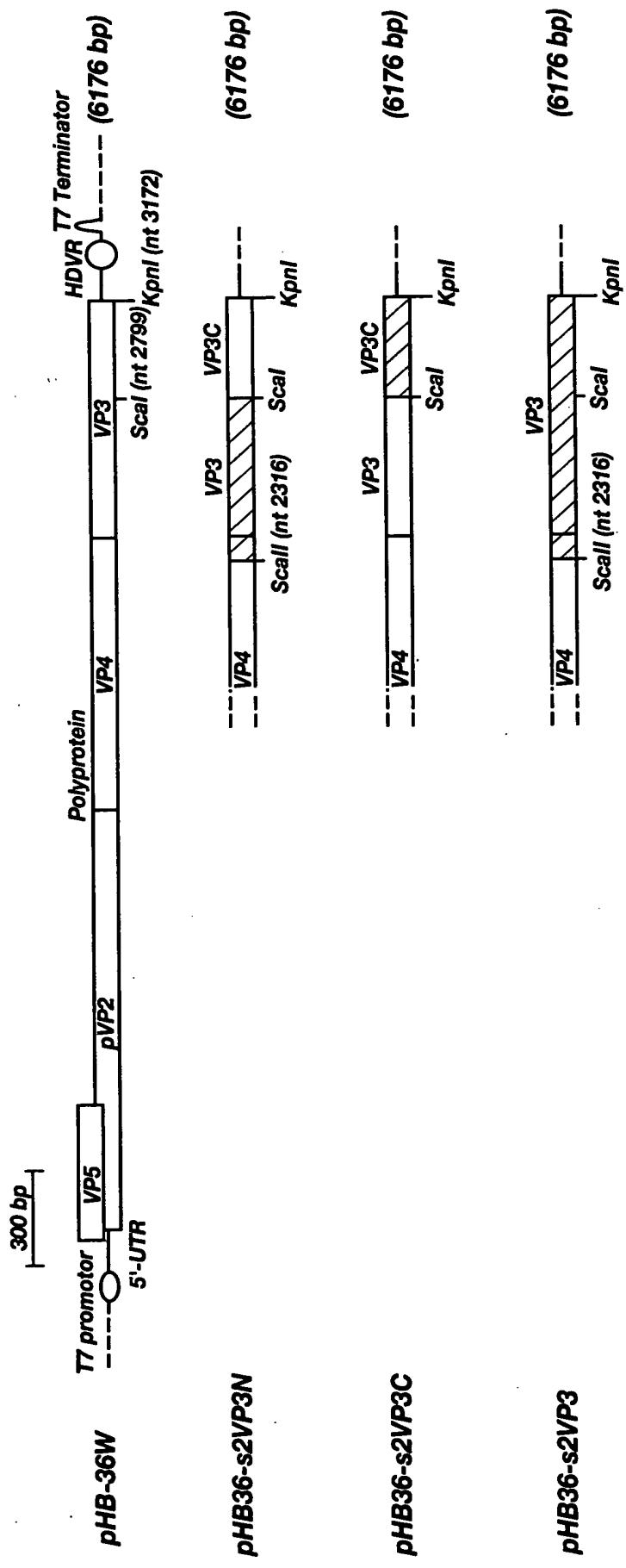


FIG. 10

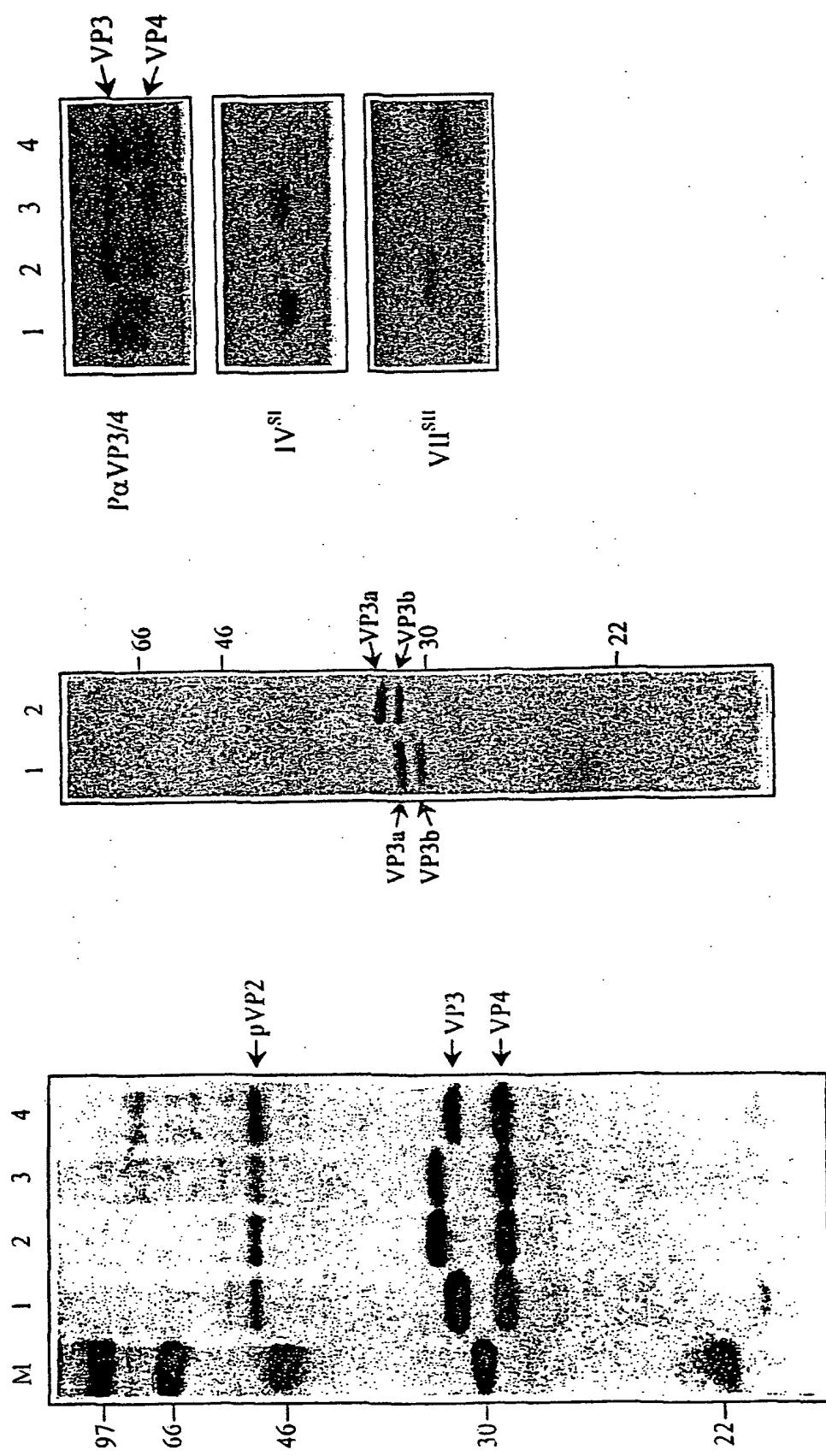


FIG. 11A

FIG. 11B

FIG. 11C

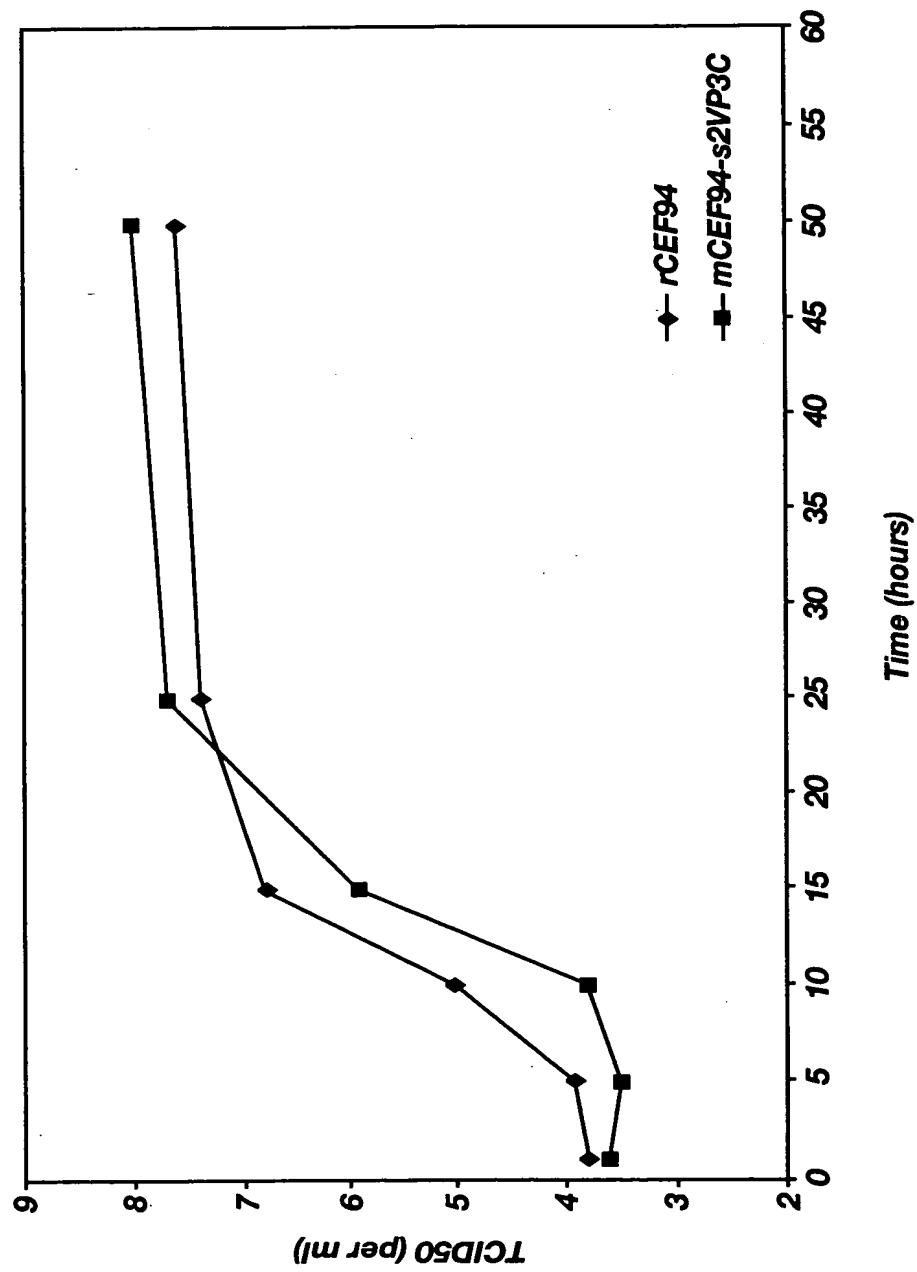


FIG. 12

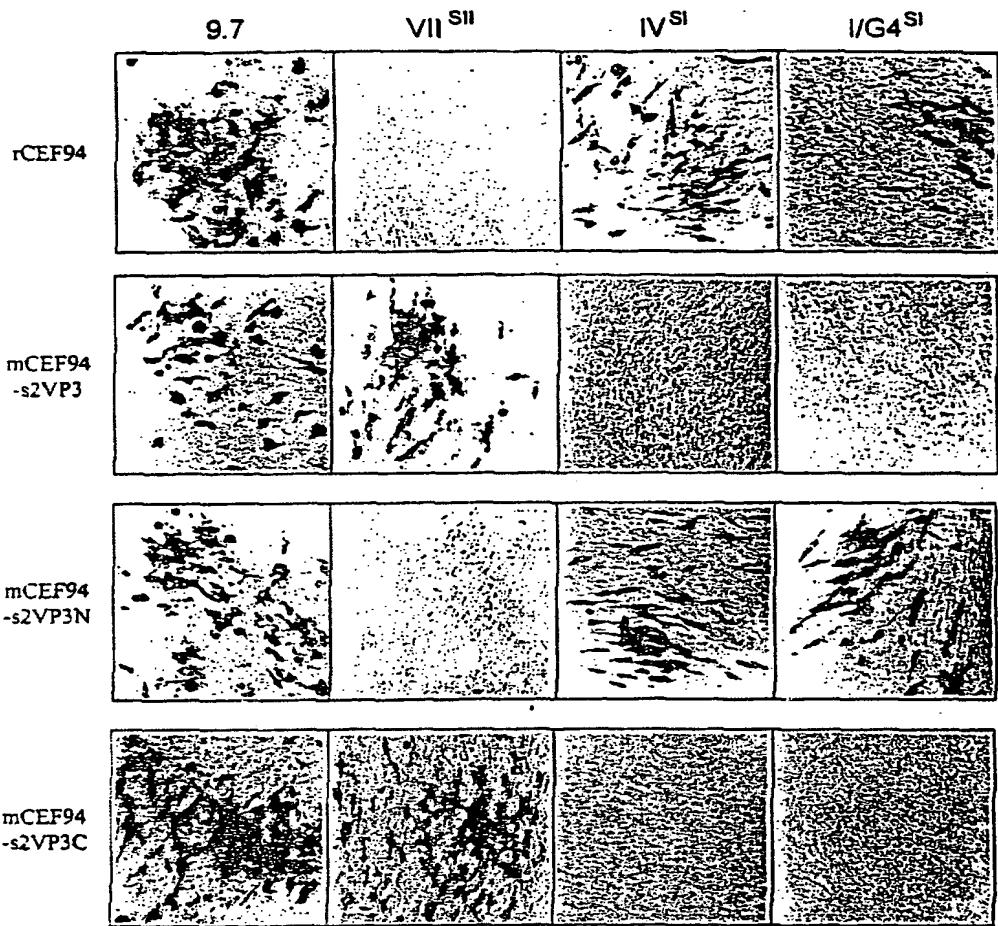
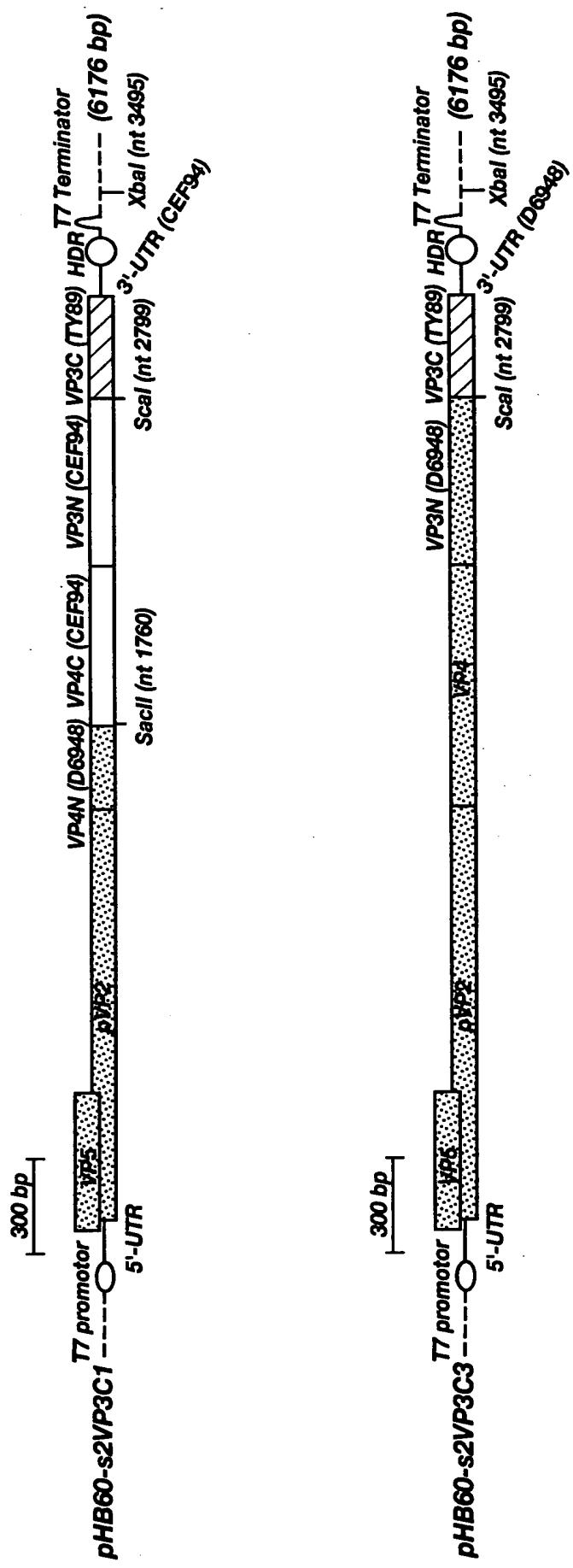


FIG. 13

FIG. 14



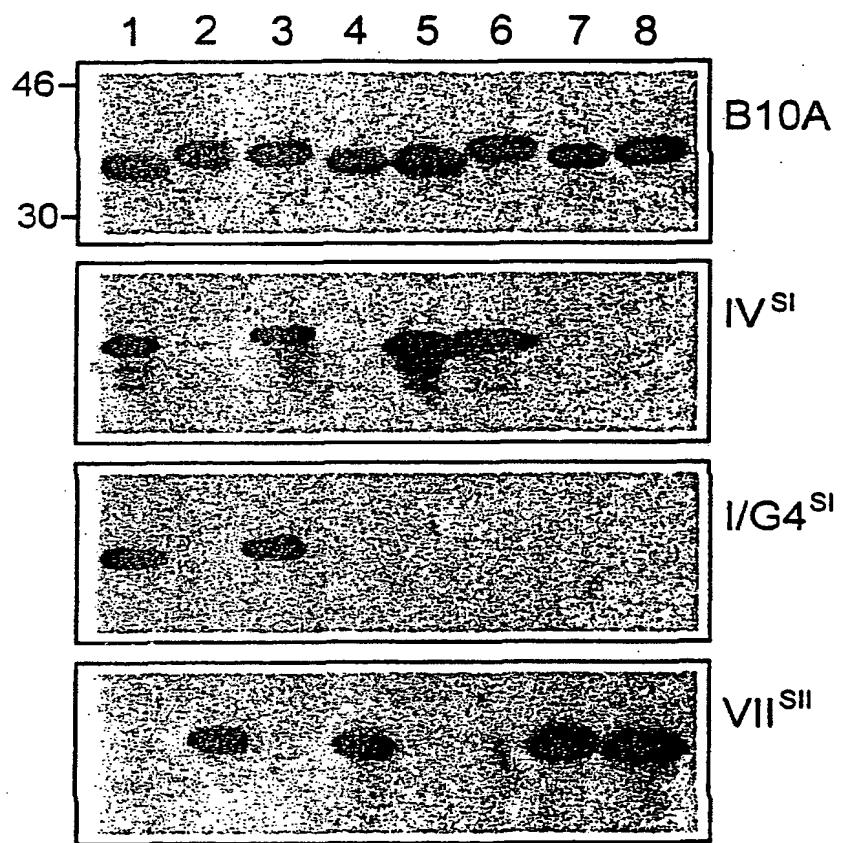


FIG. 15

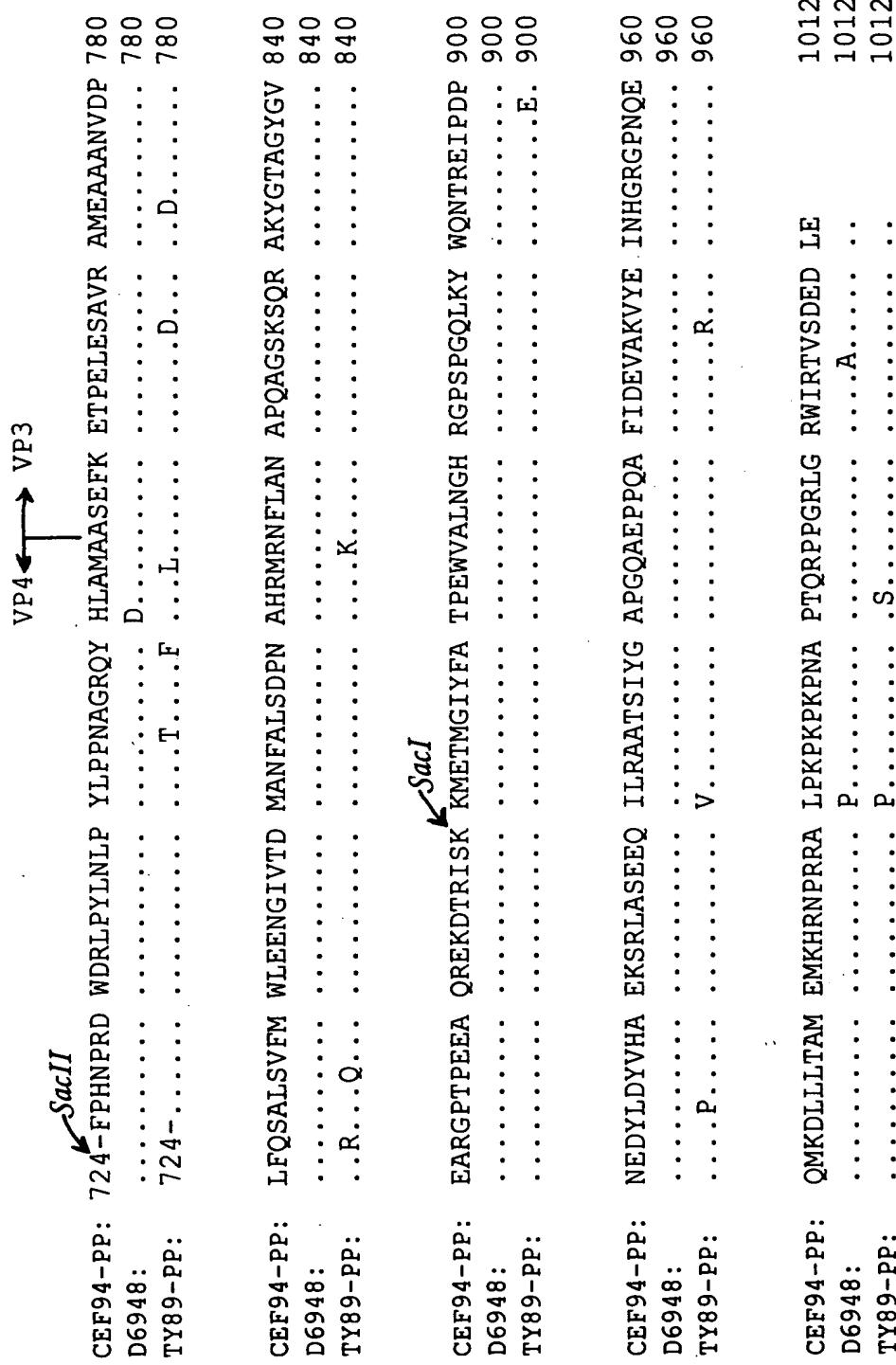


FIG. 16

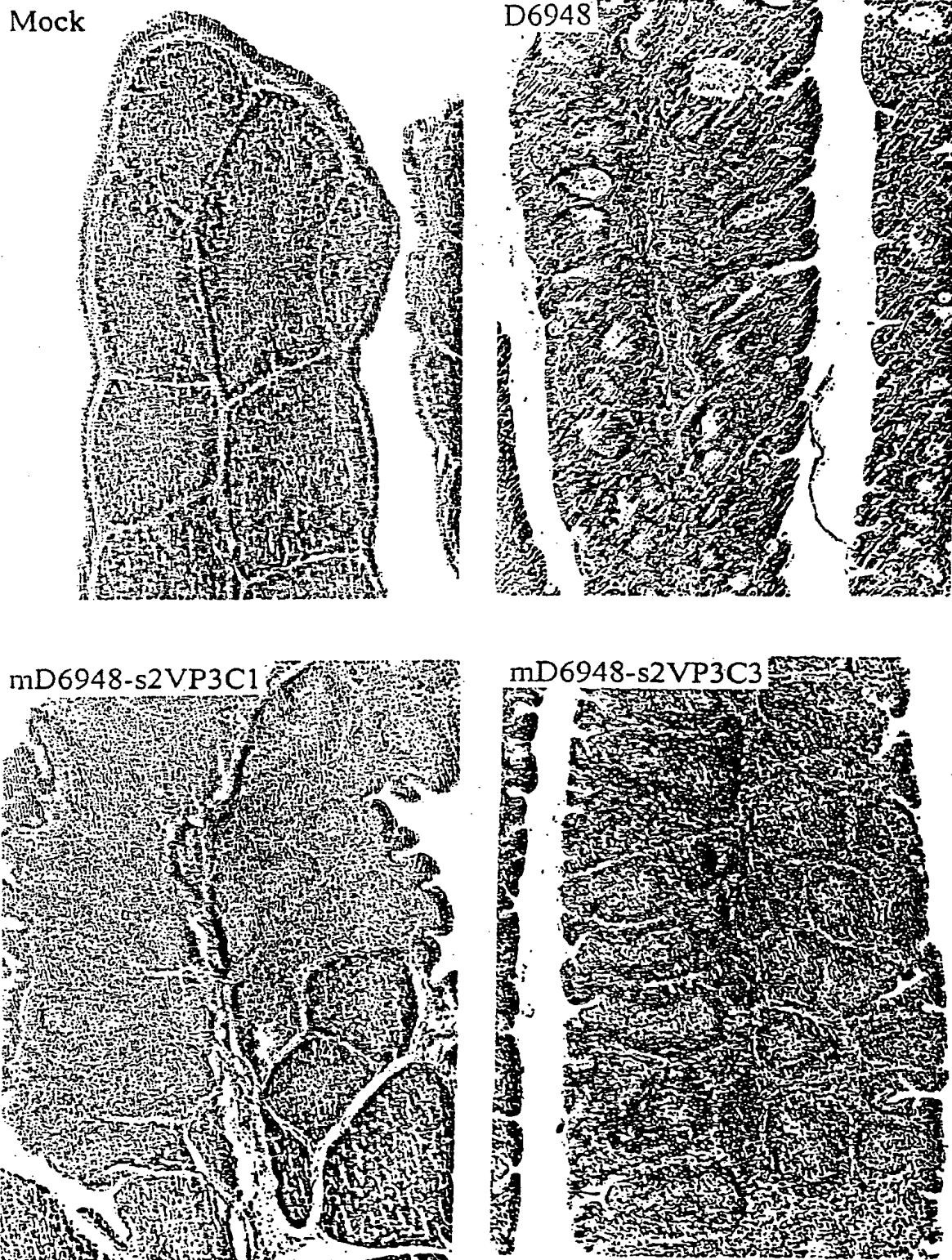


FIG. 17

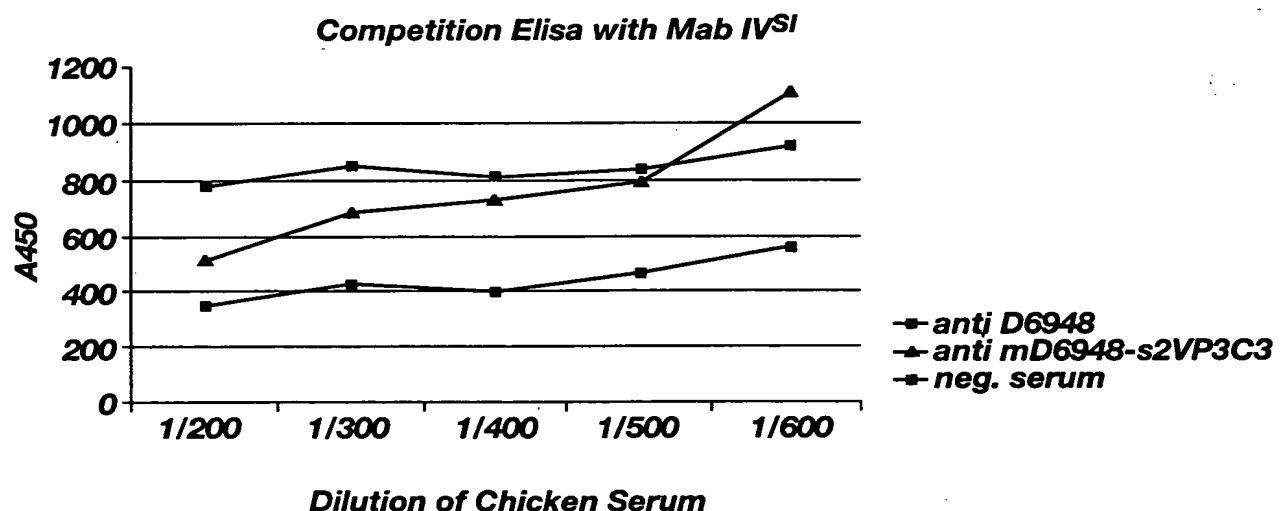
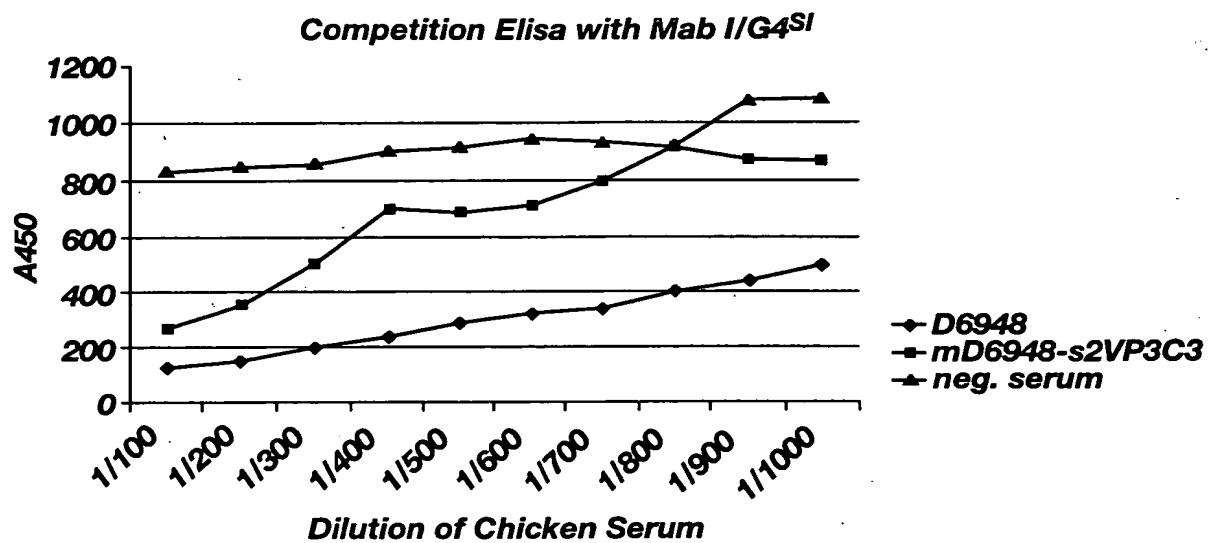


FIG. 18

FIG. 19

D6948-VP5: MLSLMVSRDQ TNDRSDDDEPA RSNPTDCSVH TEPSDANNRT GVHSGRHPRE AHSQVRDLDL 60
CEF94-VP5: -----K.G. 56

D6948-VP5: QFDGGHHRVR ANCLFPWF PW LNCGCSLHTA EQWEIQRSD APDCPEPTGQ LQLQASESE 120
CEF94-VP5:I. 116

D6948-VP5: SHSEVKHTPW WRLCTKMHHK RRDLPRKPE 149
CEF94-VP5:S.R. 145

FIG. 20A

D6948-PP:	MTNLQDQTQQ	IVPFIRSLLM	PTTGPASSIPD	DTLEKHTLRS	ETSTYNLTVG	DTGSGLIVFF	60
CEF94-PP:	.....	.....	.....	.....	.....	.....	60
D6948-PP:	PGFPGSIVGA	HYTLQSNNGNT	KFDQMLLTAQ	NLPASVNYCR	LVSRSLTVRS	STLPGGVYAL	120
CEF94-PP:	.....	.....	.....	.....	.....	.....	120
D6948-PP:	NGTINAVTFQ	GSLSELTDV5	YNGLMSATAN	INDKIGNVILV	GEGVTVLSLP	TSYDLGYVRL	180
CEF94-PP:	.....	.....	.....	.....	.....	.....	180
D6948-PP:	GDPIPAIGLD	PKMVATCDSS	DRPRVYTITA	ADDYQFSSQY	QAGGVITITLE	SANIDAITSL	240
CEF94-PP:	.....	.....	.....	.....	.....	.....	240
D6948-PP:	SIGGELVFQT	SVQGLLIGAT	IYLIGFDGTA	VITRAVAADN	GLTAGTDNL	PFNIVIPTSE	300
CEF94-PP:	V.....	H.....V	.....	.....	.....	L.....N	300
D6948-PP:	ITQPITSIKL	EIVTSSKGQ	AGDQMSWSAS	GSLAVTIHGG	NYPGALRPVT	LVAYERVATG	360
CEF94-PP:	.....	.....	.....	.....	.....	.....	360
D6948-PP:	SVVTVAGVSN	FELIPNPELA	KNLVTEYGRF	DPGAMNYTKL	ILSERDRLGI	KTVWPTREYT	420
CEF94-PP:	.....	.....	.....	.....	.....	.....	420
D6948-PP:	DFREYFMEVA	DLNSPLIKAG	AFGFKDIIRA	<u>LRRIAVPVVS</u>	<u>TLFPAAAPLA</u>	<u>HAIGEGVDYL</u>	480
CEF94-PP:	.....	.....	.....	I.....	.....	.....	480
D6948-PP:	LGDEAQAAASG	TARAASGKAR	AASGRIRIOLT	LAADKGYEVV	ANLFQVQNP	VVDGILASP	540
CEF94-PP:	.....	.....	.....	.....	.....	.....	540
D6948-PP:	ILRGAHNLD	VLREGATLFP	WVITTEDAM	TPKALNSKMF	AVIEGVREDL	QPPSQRGSFI	600
CEF94-PP:	V.....	.....	.....	.....	.....	.....	600
D6948-PP:	RTLSGHHRVY	YAPDGVLPLE	TGRDYTVVPI	DDWDDDSIML	SKDPIPIVVG	NSGNLAIAYM	660
CEF94-PP:	.....	.....	.....	.....	.....	.....	660
D6948-PP:	DVFRPKVPIH	VAMTGALNAY	GEIENVSSFRS	TKLATAHRLG	LKLAGPGAFD	VNTGSNWATE	720
CEF94-PP:	.....	.....	C.....K	.....	.....	P.....	720

FIG. 20B

FIG. 21A

D6948-VP1:	MSDVFNSPQA	RSKISAAFGI	KPTAGQDVEE	LLIPKVVPP	EDPLASPSRL	AKFLRENGYK	60
CEF94-VP1:	...I.....	...T.....	...T.....	...T.....	...T.....	...T.....	60
D6948-VP1:	ILQPRSLPEN	EYETDQILP	DLAMMRQIEG	AVLKPTLSLP	TGDQEYFPKY	YPTHRPSKEK	120
CEF94-VP1:	V.....	.....	.....	.....	.....	.....	120
D6948-VP1:	PNAYPPDIAL	LKQMIYLFLQ	VPEATDNLKQ	EVTLLTQNIR	DKAYGSGTYM	GQATRLVAMK	180
CEF94-VP1:	.....	.....	.....	.....	.....	.....	180
D6948-VP1:	EVATGRNPNK	DPLKLGYTFE	SIAQLLDITL	PVGPPGEDDK	PWVPLTRVPS	RMLVLTGDVD	240
CEF94-VP1:	.....	.....	.....	.....	.....	.....	240
D6948-VP1:	GEFEVEDYLP	KINLKSSSGL	PYVGRTKGET	IGEMIAISNQ	FLRELSALLK	QGAGTKGSNK	300
CEF94-VP1:	.D.....	.....	.....	.....	.....	.....	300
D6948-VP1:	KKLLSMLSDY	WYLSCLLFP	KAERYDKSTW	LTKTRNIWSA	PSPTHLMISM	ITWPVMSNSP	360
CEF94-VP1:	.....	.....	.....	.....	.....	.....	360
D6948-VP1:	NNVNLNIEGCP	SLYKFNPFRG	GLNFRIVEWIM	APDEPKALVY	ADNIIYIVHSN	TWYSIDLEKG	420
CEF94-VP1:	.....	.....	.....	L.....	E.....	.....	420
D6948-VP1:	EANCTRQHMQ	AAMYYLTRG	WSDNGDPMFN	QTWATFAMNI	APALVVDSSC	LIMNLQIKTY	480
CEF94-VP1:	.....	.....	.....	.....	.....	.....	480
D6948-VP1:	GQGSGNAATF	INNHILLSTLV	LDQWMNLMKQP	SPDSEEFKSI	EDKLGINFKI	ERSIDDIRGK	540
CEF94-VP1:	.....	.....	.....	R.....	R.....	.....	540
D6948-VP1:	LRQLVPLAQP	GYLSGGVEPE	QPSPTVELLDL	LGWSATYSKD	LGIYVPVLDK	ERLFCSAAYP	600
CEF94-VP1:	.....	L.....	.....	S.....	.....	.....	600
D6948-VP1:	KGVENKSLKS	KVGIEQAYKV	VRYEARLVLG	GMNYPLLNKA	CKNNASAARR	HLEAKGFPILD	660
CEF94-VP1:	.....	.....	.....	.....	G.....	.....	660
D6948-VP1:	EFLAEWSELS	EFGEAFFGFN	IKLTVTPESL	AELNRPVPPK	PPNVNRPVNT	GGLKAVSNAL	720
CEF94-VP1:	S.....	720

FIG. 21B

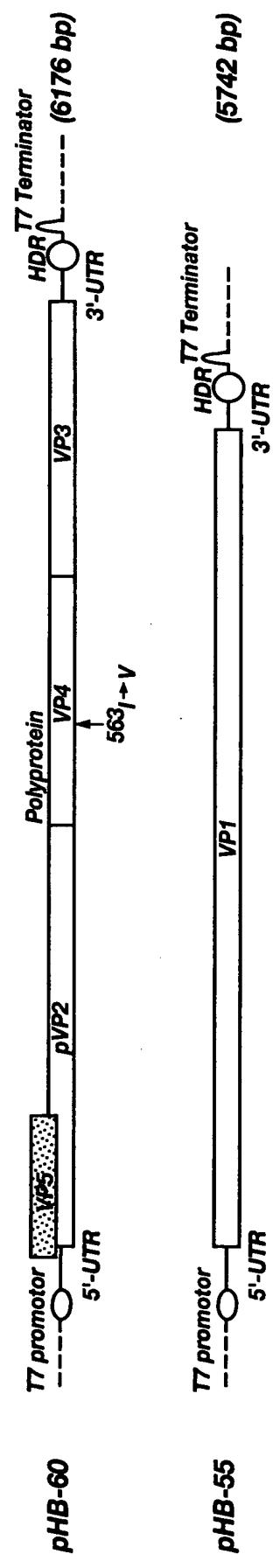


FIG. 22

FIG. 23A

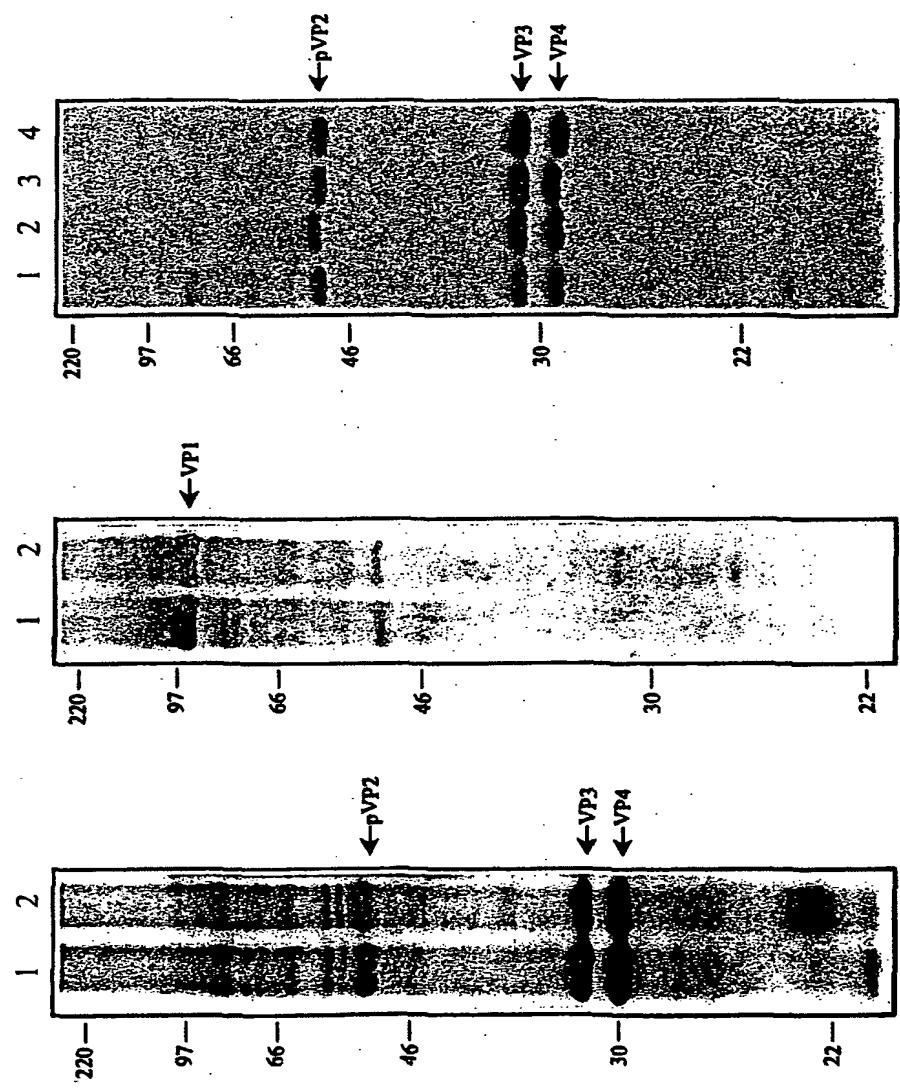
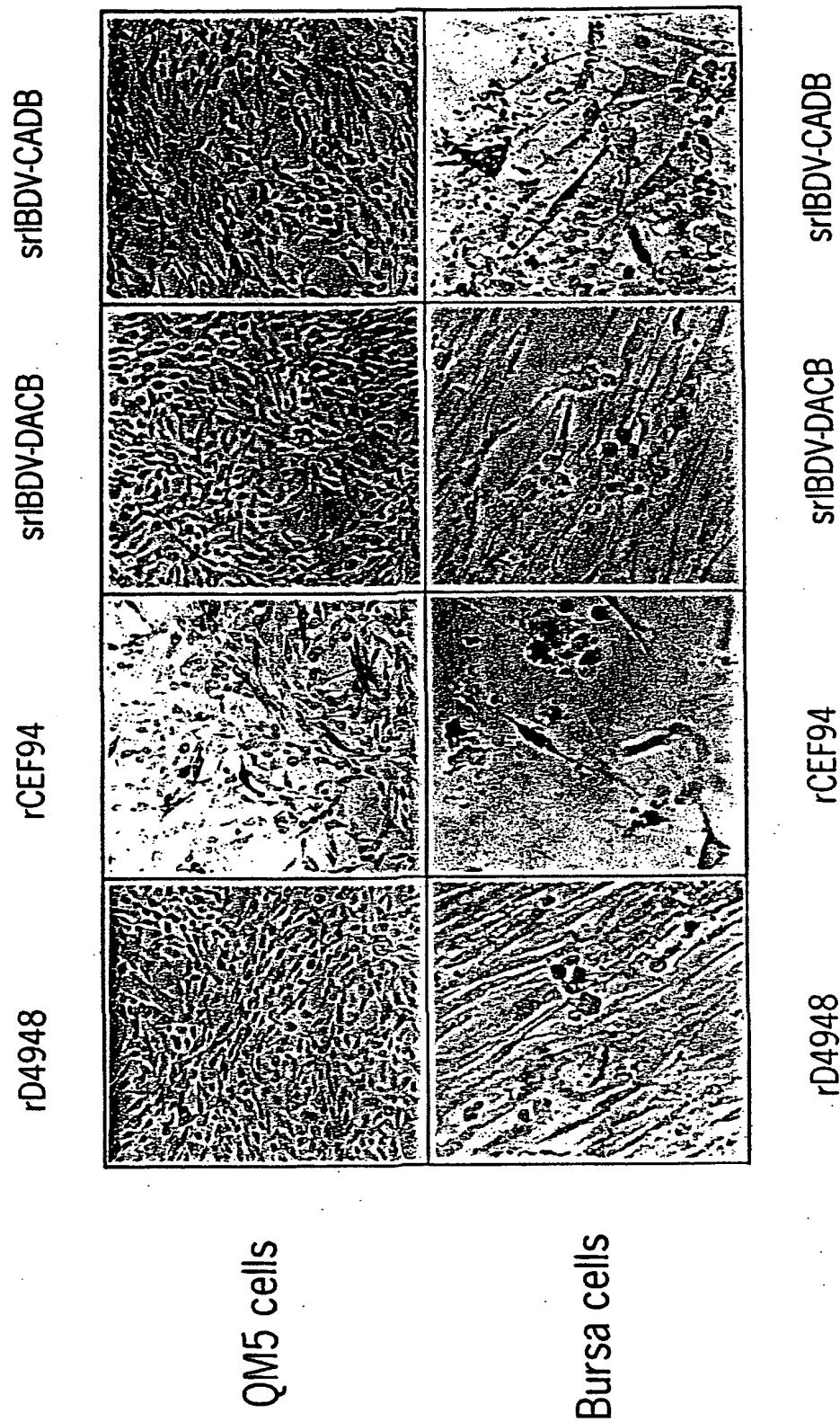


FIG. 23C



FIG. 23B

FIG. 24



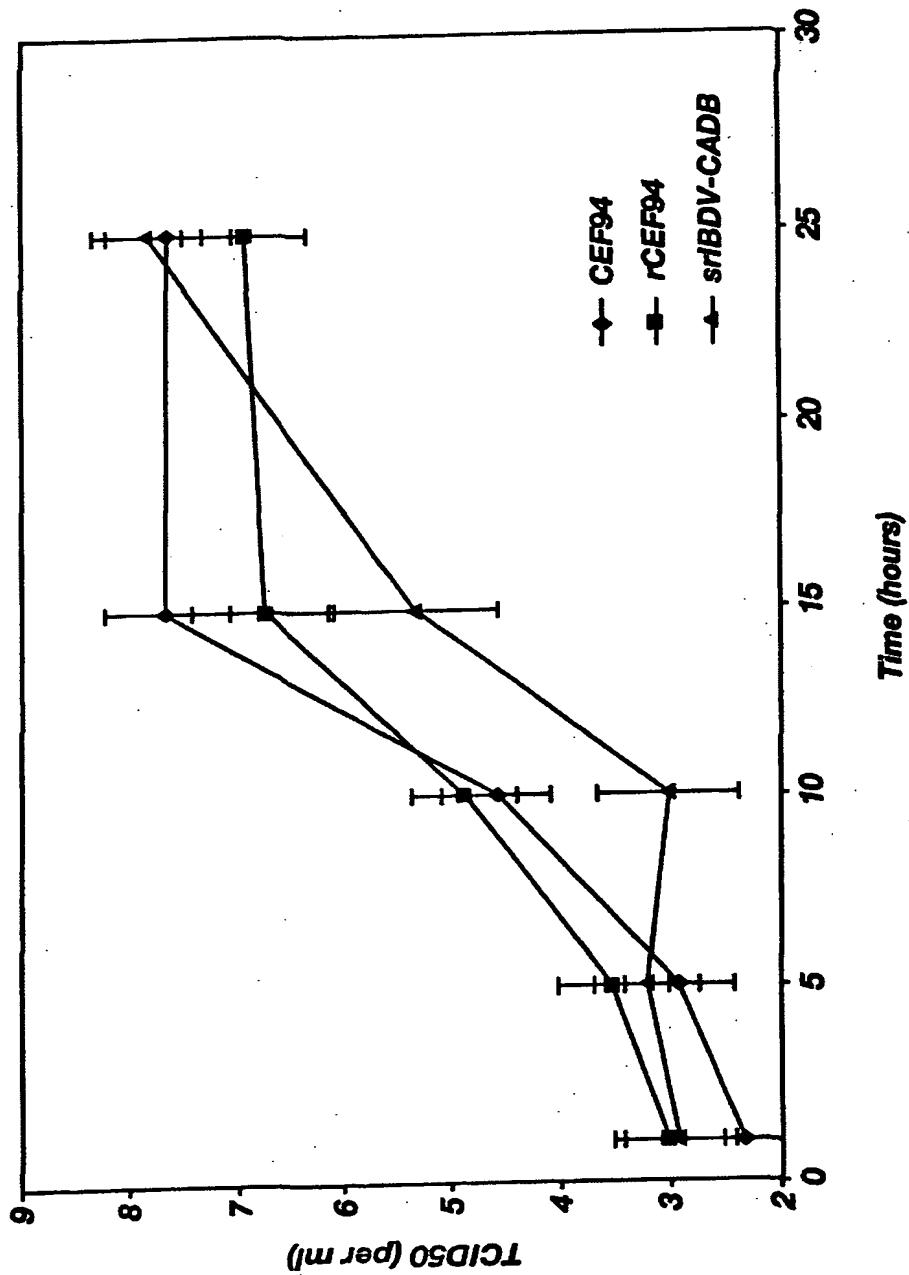


FIG. 25

FIG. 26

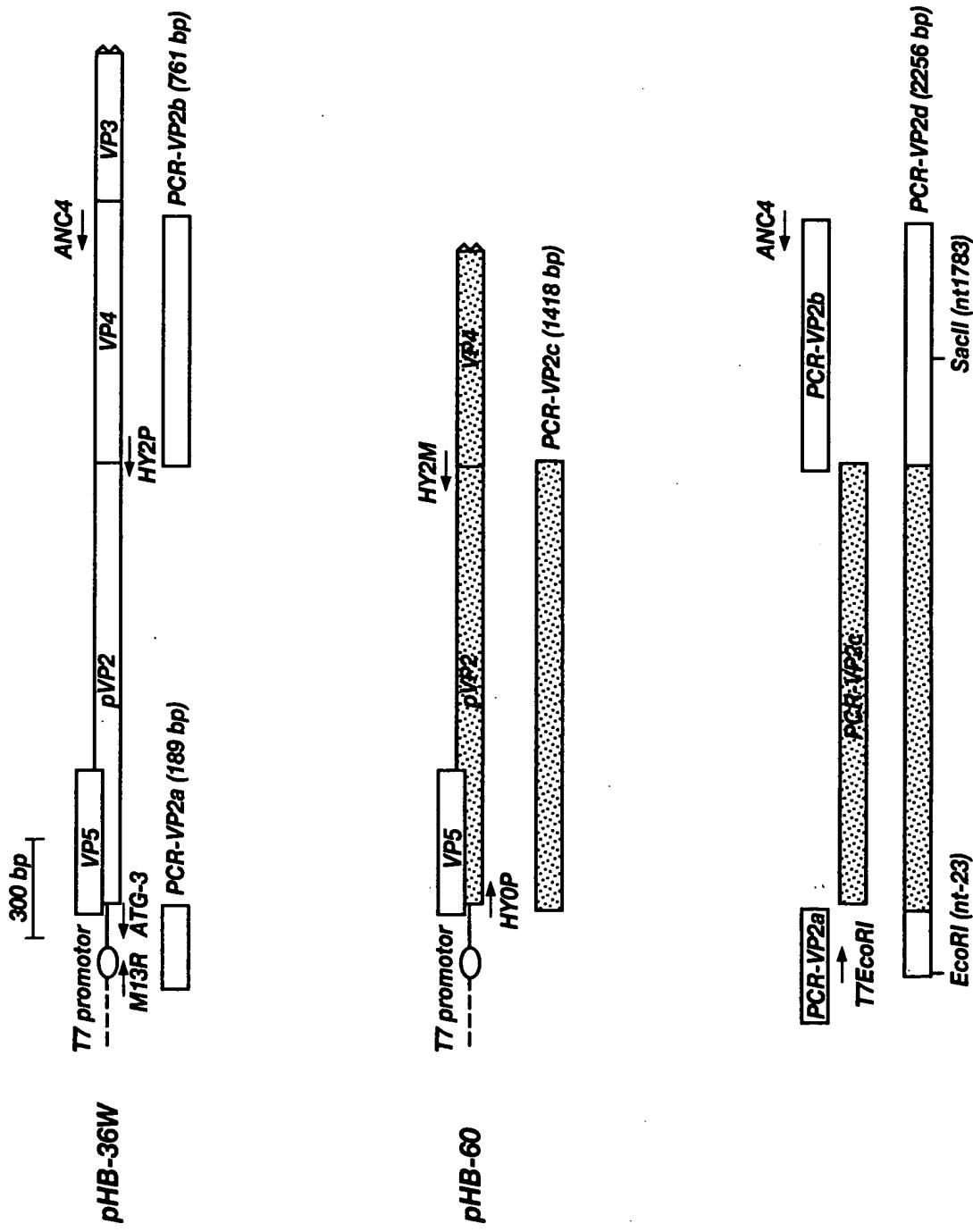
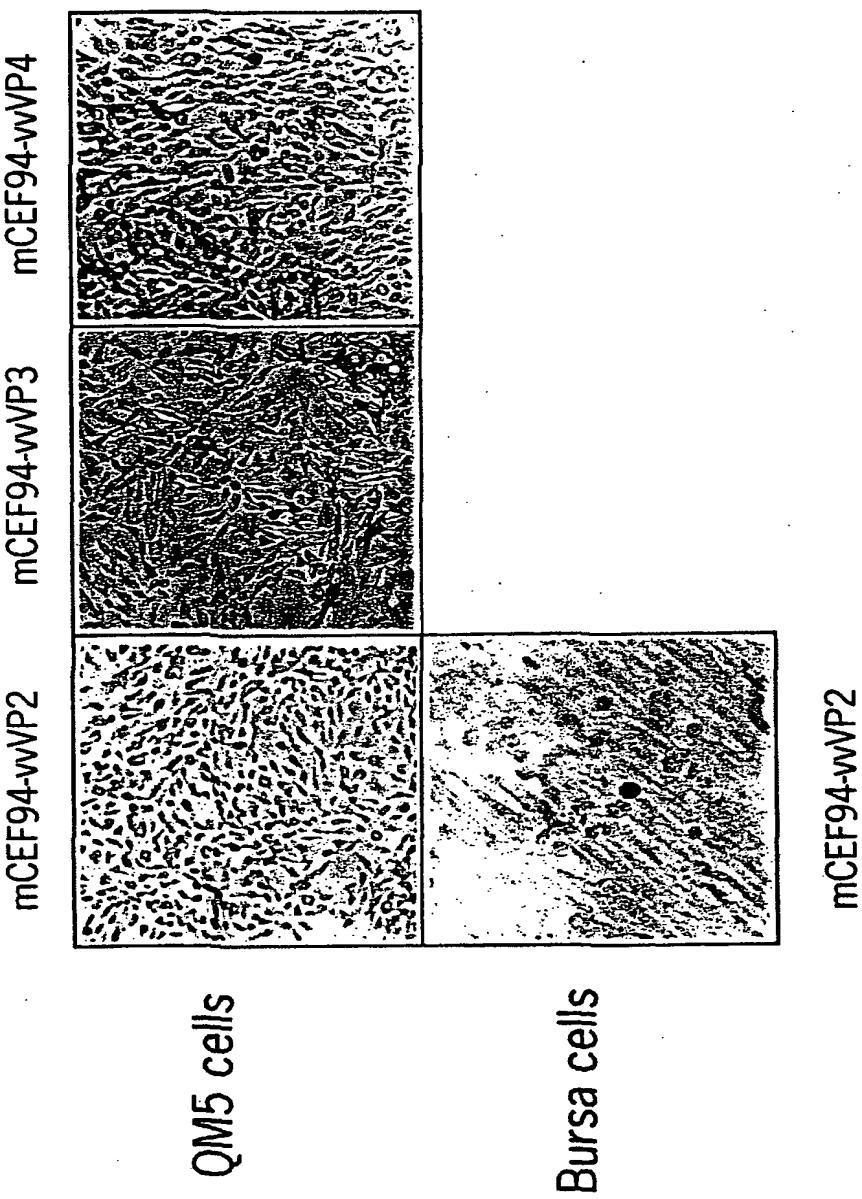


FIG. 27



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